EDR RECORDS SERVICES, INC.

RECORDS PERTAIN TO: Hercules Marine Services Corporation

RECORDS FROM: Texas Natural Resource Conservation Commission

TYPE OF RECORDS: Investigation Records

CAUSE NO.: 96-G0201

DELIVER TO:

William J. Eggleston
Taylor & Eggleston
4800 Three Allen Center 333 Clay Street
Houston, Texas 77002

COPY

VOLUME V PAGES 872 TO 990

2437 Bay Area Blvd., Ste. 228 Houston, Texas 77058 (281) 486-5531 * 800-876-3901 PERMITS VOL. I

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CONST STOPPED UNTIL: ***PERMIT TYPES/STANDARDS: NEW MAJ SOURCE:> 100 TPY: MAJOR MODIFICATION: NON-ATTAIN REVIEW: INSIGNIFICANT EMISSIONS: NESHAP: PSD-TX: FUEL CONVERSION: TOXIC MATERIALS: STD EX NO. ***AIR CONTAMINANT INFORMATION: MAX ALLOWABLE RATE NAME CODE LBS/HR TONS/YR 10000 PART-U 2.31 0.17 2.18 NONMETHANE VOC+U 50001 1.69

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***ABATEMENT EQUIPMENT:

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A STATE OF THE STA マベナル・エネニジャップマ PAGE .IME: 18:18:39 GINEERS: MANN, AMBA E. / ACCOUNT: BL0118V ISSUED TO: HERCULES MARINE SERVICES UNIT NAME: BARGE CLEANING FACILITY
CITY: FREEPORT COUNTY: BRAZORIA REGION: 12 PERMIT: 13561 ********************** *** EMISSION POINT INFORMATION: H-1 NAME: HEATER UTMZONE: 15 UTMZONE: 15 NAME: HEATER EASTMETERS: 276768 HEIGHT: 10 NORTHMETERS: 3206433 TYPE: STACK TEMP: 600 REMARK: DIAMETER: 2.50 VELOCITY: 21.40 HOR DIS: NO MOISTURE: ***************** *** FACILITY INFORNATION SCHED START START FACILITY SCC HD D WY NSPS NESHAP CONST OPER 01001 10500105 1.0 3 49 NO NO 6-08-82 7-08-82 *** ABATEMENT EQUIPMENT INFORMATION NO CIN UNITS CODE DESCRIPTION ********************* *** CONTAMINANT INFORMATION FACILITY: 01001 NAME: PART-U CODE: 10000 CHANGE DATE: 06-08-82 REASON FOR CHANGE: N ALLOW: 2.3129 L/H CHG INCR: 2.3129 L/H _1700 T/Y ACTUAL: 0.1700 T/Y T/Y SHLILITY: 01001 NAME: NONMETHANE VOC-U CODE: 50001 CHANGE DATE: D6-08-82 REASON FOR CHANGE: N 1.2244 L/H CHG INCR: 1.2244 L/H ALLOW: 10900 T/Y ACTUAL: 0.0900 T/Y T/Y NAME: NITROGEN OXIDES CODE: 70400 FACILITY: 01001 CHANGE DATE: 06-08-82 REASON FOR CHANGE: N 25.5782 L/H CHG INCR: 25.5782 L/H 1.3800 T/Y 1_8800 T/Y ACTUAL: T/Y CODE: 70500 FACILITY: 01001 NAME: SULFUR OXIDE-U CHANGE DATE: 06-08-82 REASON FOR CHANGE: N 167-4829 L/H CHG INCR: 167-4829 L/H ALLOW: 12_3100 T/Y 12.3100 T/Y ACTUAL: T/Y FACILITY: 01001 NAME: CARBON MONOXIDE CODE: 90300 CHANGE DATE: 06-08-82 REASON FOR CHANGE: N ALLOW: 11.7006 L/H CHG INCR: 11.7006 L/H

.8600 T/Y ACTUAL:

0_8600 T/Y

T/Y

1 1 1 T EMERGRAPH COLUMN POLICIANT TERMS MER CONTINUE SURAL PAGE 3 TINE: 18:18:39 ACCOUNT: BL0118V IGINEERS: MANN, AMBA E. ISSUED TO: HERCULES MARINE SERVICES UNIT NAME: BARGE CLEANING FACILITY CITY: FREEPORT COUNTY: BRAZORIA REGION: 12 PERMIT: 13561 *** EMISSION POINT INFORMATION: AREA-1 BARGE CLEANING FACILITY UTMZONE: 15 NAME: EASTMETERS: 276768 HEIGHT: 30 TEMP: NORTHMETERS: 3206433 TYPE: FUGITIVE REMARK: 1700 WIDTH: 1200 DEGREES E OFNORTH "ENGTH: *** FACILITY INFORMATION SCHED START START HD D WY NSPS NESHAP CONST FACILITY SCC OPER 40600259 24.0 7 52 01002 NO NO 6-08-82 7-08-82 ### ABATEMENT EQUIPMENT INFORMATION NO CIN UNITS CODE DESCRIPTION ****************** *** CONTAMINANT INFORMATION FACILITY: 01002 NAME: NONMETHANE VOC-U CODE: 50001 CHANGE DATE: 06-08-82 REASON FOR CHANGE: N

2.0900 T/Y ACTUAL:

ALLOW: 0.4771 L/H CHG INCR: .4771 L/H

2.0900 T/Y

T/Y

LUXAS AIR CONTROL BOARD DATE: 08-11-94 PERMIT APPLICATION SUMMARY TIME: 08:53:10 GENERAL PERMIT INFORMATION PERMIT: 13561 ENGR: MANN, AMBA E. / HERCUles Marine Services

GROUP: CHEM ID: BE

PAGE:

ISSUED TO: MERCULES REALS

UNIT NAME: BARGE CLEANING FACILITY

OPERATING SCHEDGLE: 24.0 HRS/DAY T DAYS/WK 51 WKS/YE

EAT: 28-58-05 LONG: 095-1*-26 REGION: 12 COUNTY: BRAZORIA

NEAR CITY: FREEPORT LOC: :

PERMIT/SITE CONTACT INFORMATION:

PERSON: LARRY BALLINGER ADDRI: P.O. DRAWER O

TITLE: MARINE MANAGER ADDR2:

ZIP: 17541 PHONE: (409)233-6311 STAFE: TX CITY: FREEPORT

** CONTINUANCE ** PPL RECD : 04+19-82 OPER APPL RECD : APPL RECD : OPER APPL CMPLT : EFIC LTR SNT DEFIC LIR SNT UPP INFO RECD : DISP(1.D): () SUPP INFO REQ SUPP INFO RECD OPR TYPE(R.S) -3 () ************************** APPL CMPLT PPL CMPLT :

COMP LIR SNT

* I= ISSUED D=DENIED * PUB NTC SNT UB NTC PUB * E=EXPIRED * PUB NTC PUB

* PUB HEAR(R.H) UF EAR (R,H) : (-)NS; TYPE(C,X,S): (X)* C=CNST S=SPECIAL *
* N=EXEMPT R=OPER * DISP([,D,E):() :

ISP (1) : 06-08-82 ****************

NST START DATE : 06-08-82 Disp10-31-89

EMISSIONS CHANGED :

REMARKS: OWN CHG 1/20/89 FR FISH ENGINEERING & CONSTRUCTION. (NO. OWN CHG

nanechange from Hercules Real Estatilog per letter 2/2494

VOID/HOLD CODES: PD-PLT DISMANTIE THER PERMIT DATES:

APP/PERMIT VOIDED: CR-COMPANY REQUEST TI-TIME EXPIRES REASON:

APP ON HOLD UNTIL: REASON: DD-DATA DELAY TD-TECH DIFFICIT

NR-NO RESPONSE G ST STOPPED UNTIL: RE-REISSUED

PERMIT TYPES/STANDARDS:

NEW MAJ SOURCE:> 100 TPY: SIC: 4491
MAJOR MODIFICATION: PORTABLE:

RELATED PERMITS: SUFFIX REAM

NON-ATTAIN REVIEW: NSPS: Chu LOC: TACB: CHG OWN: 🕿 INSIGNIFICANT EMISSIONS: PSD-TX:

FUEL CONVERSION: TOXIC MATERIALS: SID EX NO.:

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AIR CONTAMINANT INFORMATION: MAX ALLOWABLE RATE ACTUAL000875 NAME CODE EBS/HR TONS/YR TONSZYK

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John Hall, Chairman
Pam Reed, Commissioner
Peggy Garner, Commissioner



Texas Natural Resource Conservation Commission

Protecting Texas by Reducing and Preventing Pollution

October 7, 1994

Robert Millis Chief Financial Officer Hercules Marine Services Corporation P.O. Drawer O Freeport, Texas 77541

Re: Change of Name
Permit No. X-13561
Barge Cleaning

Freeport, Brazoria County Account ID No. BL-0118-V

Dear Mr. Millis:

We appreciate being informed that Hercules Marine Services Corporation is now the name of the referenced facility which was previously named Hercules Real Estate Corporation. Our files have been updated to indicate that the change of name has occurred.

As the owner of the facility, you have committed to maintain compliance with all air quality Rules and Regulations of the Texas Natural Resource Conservation Commission and the requirements of this permit exemption at all times.

Thank you for providing this information and for your commitment to comply. Your cooperation and interest in air pollution control are appreciated.

Sincerely,

David L. Howell

CORE Section

New Source Review Program

cc: Ms. Karen Kilpatrick, Manager, Air Program, Houston Leo D. O'Gorman, M.D., Director, Brazoria County Health Department, Angleton



Strength through environmental awareness and customer service

P.O. Drawer O Freeport, Texas 77541 Office (409) 233-6371 Fax. (409) 233-6375

February 25, 1994

CERTIFIED MAIL RETURN RECEIPT REQUESTED

Director, Permits Division Texas Air Control Board 6330 Hwy. 290 East Austin, Texas 78723

RE:

Change of Name of Permit Holder

Permit Number: X-13561/

Barge Cleaning

Freeport, Brazoria County

Account I.D. Number: BL-0118-V

Gentlemen:

By letter dated September 1, 1993, a copy of which is enclosed for your reference, we advised the Texas Air Control Board ("TACB") that, effective September 1, 1993, Hercules Offshore Corporation transferred and sold its Freeport facility to Hercules Real Estate Corporation ("Hercules REC").

The purpose of this letter is to notify the TACB that, effective January 7, 1994, Hercules REC, the current permit exemption holder, has changed its name to Hercules Marine Services Corporation. Please accept this letter as notice of this change and make any necessary updates to the permit exemption.

If you have any questions regarding this notice and request, please contact the undersigned at (713) 789-7983.

Very truly yours,

HERCULES MARINE SERVICES CORPORATION

Robert Millis,

Chief Financial Officer

KMO:rmg Enclosure f:/man/704-14/permit.tac

HERCULES

REAL ESTATE CORPORATION

11011 Richmond Ave., Suite 500 Houston, Texas 77042

Office (713) 789-7983 Fax (713) 789-4063

September 1, 1993

CERTIFIED MAIL RETURN RECEIPT REQUESTED

Director, Permits Division Texas Air Control Board 6330 Hwy. 290 East Austin, Texas 78723

RE: Change of Ownership

Permit Number: X-13561

Barge Cleaning

Freeport, Brazoria County

Account I.D. Number: BL-0118-V

Gentlemen:

Hercules Offshore Corporation currently operates a barge cleaning facility in Freeport, Texas. TACB exempted this facility from the permit procedures of the Agency by letter dated June 8, 1982, permit exemption X-3561 when the facility was owned by Fish Engineering and Construction, Incorporation.

This is to advise you that on September 1, 1993, Hercules Offshore Corporation ("Hercules 1") transferred and sold its Freeport facility to Hercules Real Estate Corporation ("Hercules REC"). At that time, Hercules 1 changed its name.

The change in ownership should not affect Hercules' future operations. The entire management team and employees of Hercules 1 transferred to and will manage and work for Hercules REC. Hercules REC will continue to conduct business at the same address and our telephone and facsimile numbers will remain the

Director, Permits Division Texas Air Control Board September 1, 1993 Page 2

same. If you need to speak with someone at the facility, you can contact our Marine Manager as set forth below:

Larry Ballinger Marine Manager 906 Marlin Lane P. O. Drawer O Freeport, TX 77541

Telephone: (409) 233-6371 Facsimile: (409) 233-6375

Please accept this letter as notice of this change in ownership and make any necessary transfers of the permit exemption. If you have any questions regarding this notice and request, please contact the undersigned at (713) 789-7983.

Very truly yours,

HERCULES REAL ESTATE CORPORATION

Robert Millis (mb-mule)

RM: rmg f:/man/704-11/permit.03a John Hall, Chairman
Pam Reed, Commissioner
Peggy Garner, Commissioner



TEXAS NATURAL RESOURCE CONSERVATION COMMISSION

Protecting Texas by Reducing and Preventing Pollution

October 7, 1994

Robert Millis Chief Financial Officer Hercules Marine Services Corporation P.O. Drawer O Freeport, Texas 77541

Re: Change of Name

Permit No. X-13561 Barge Cleaning

Freeport, Brazoria County Account ID No. BL-0118-V

Dear Mr. Millis:

We appreciate being informed that Hercules Marine Services Corporation is now the name of the referenced facility which was previously named Hercules Real Estate Corporation. Our files have been updated to indicate that the change of name has occurred.

As the owner of the facility, you have committed to maintain compliance with all air quality Rules and Regulations of the Texas Natural Resource Conservation Commission and the requirements of this permit exemption at all times.

Thank you for providing this information and for your commitment to comply. Your cooperation and interest in air pollution control are appreciated.

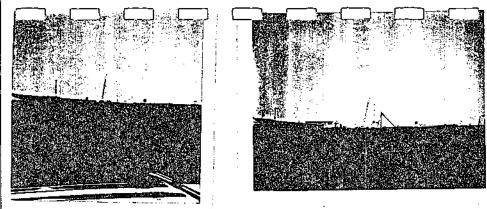
Sincerely,

David L. Howell

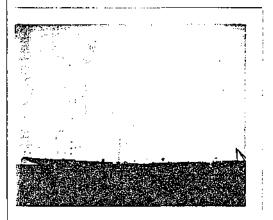
CORE Section

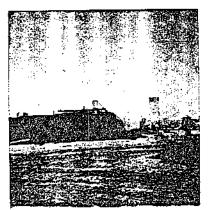
New Source Review Program

cc: Ms. Karen Kilpatrick, Manager, Air Program, Houston Leo D. O'Gorman, M.D., Director, Brazoria County Health Department, Angleton



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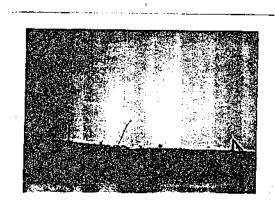
HERCULES OFFSHORE COMPANY 8-9-89 1135 AM DOM



Haraules Offshore Company 8/9/89 11:40 on DDM:



Hereulus Offshore Company 8/9/89 11:35am



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PAGE:
  54TE: 11-17-93
                           PERMIT APPLICATION SUMMARY
  TIME: 18:15:34
**GENERAL PERMIT INFORMATION
                                                            GROUP: CHEM ID: 9L0118V
  PERMIT: 13551 ENGR: MANN, AMBA E.
  TSSUED TO: HERCULES REAL ESTATE CORPORATION V
  UNIT NAME: BARGE CLEANING FACILITY
  OPERATING SCHEDULE:
                       24.0 HRS/DAY
                                      7 DAYS/WK 52 WKS/YR
  14T: 28-58-05 LONG: 095-17-26
                                      REGION: 12 COUNTY: BRAZORIA
  VEAR CITY: FREEPORT
                             LDC: ?
**PERMIT/SITE CONTACT INFORMATION:
 PERSON: LARRY BALLINGERY
                                            ADDRI: P.O. DRAWER O
                                            ADDR2:
  TITLE: MARINE MANAGERV
                                                   77541 PHONE: (409)233-6371
          FREEPORT /
                         STATE: TX
                                            ZIP:
 ** VCITOUSTERCS **
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                           OPERATION START : 37+38+82 NOTICE MAILED
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** EMISSIONS CHANGED :
**REMARKS: 04N CHS 1/20/89 FR FISH ENGINEERING & CONSTRUCTION, INC. OWN CHS
          9/1/93 FR HERCULES OFFSHORE DRILLING. /
**OTHER PERMIT DATES:
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**PERMIT TYPES/STANDARDS:
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  MON-ATTAIN REVIEW:
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  FUEL CONVERSION:
                               TOXIC MATERIALS:
                                                    STD EX NO.:
**AIR CONTAMINANT INFORMATION:
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           NAME
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**ABATEMENT EQUIPMENT:
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ALSOCAL POLAR CONTRACT 化复数电弧 医复数 医电阻性性神经 医线线管理 マベスレートリティンティン 24GE 2 IME: 18:15:04 ACCOUNT: BLD118V NGINEERS: MANN, AMBA E. / ISSUED TO: HERCULES REAL EDIATE CORPORATION NIT NAME: BARGE CLEANING FACILITY ITY: FREEPORT COUNTY: GRAZORIA REGION: 12 PERMIT: 13561 ************************ ** INDITAMNORNI TRICO MOISSIME ** TMESVE: 15 NAME: HEATER ASTMETERS: 276768 HEIGHT: 10 TYPE: STACK TEMP: 500 DRTHMETERS: 3206433 EMARK: INMEDER: 2.50 VELOCITY: 21.40 MOISTURE: HOR DIS: NO ***************** ** FACILITY INFORMATION SCHED START START SCHED
ACTUITY SCC HD D WY NSPS NESHAP CONST) **ગ**દ્ધ . 1001 10500105 1.0 3 49 NO NO 6-08-82 7-03-82 ******************* ** ABATEMENT EQUIPMENT INFORMATION V) IN UNITS CODE DESCRIPTION ** CONTAMINANT IMPORMATION ACTUITY: 01001 NAME: PART-U CODE: 10000 CHANGE DATE: 36-08-82 REASON FOR CHANGE: N AULDW: 2.3129 L/H CHG INCR: 2.3129 L/H 0.1700 T/Y .1700 T/Y ACTUAL: T/Y ACILITY: 01001 NAME: NONMETHANE VOC-U CODE: 50001 CHANGE DATE: 06-03-32 REASON FOR CHANGE: N 1.2244 L/H CHG INCR: 1.2244 L/H 3.3933 T/Y .0900 T/Y ACTUAL: T/Y ACILITY: 01001 NAME: NITROGEN OXIDES CODE: 75450 CHANGE DATE: 05-03-82 REASON FOR CHANGE: N 25.5782 L/H CHG INCR: 25.5782 L/H 1.8800 T/Y 1.8800 T/Y ACTUAL: T/Y ACTUTY: 01001 NAME: SULFUR DXIDE-U 0005: 70500 CHANGE DATE: D6-08-82 REASON FOR CHANGE: N ALLOW: 157.4329 L/H CHG INCR: 167.4829 L/H 12.3199 T/Y 12_3100 T/Y ACTUAL: T/Y ACILITY: 01001 NAME: CARBON MONOXIDE CODE: 90300 CHANGE DATE: D5-08-82 REASON FOR CHANGE: N ALLOW: 11.7006 L/H CHG INCR: 11.7006 L/H 0.3600 T/Y _8600 T/Y ACTUAL: T/Y

IME: 18:15:04 2 4 G E 3 CCDUNT: 3LJ118/ NGINEERS: MANN, AMBA E. 1 SSUED TO: HERCULES REAL ESTATE CORPORATION WIT WAME: BARGE CLEANING FACILITY FREEPORT BRAZORIA REGION: 12 PERMIT: 13551 COUNTY: TTY: ***************** ** EMISSION POINT INFORMATION: AREA-1 BARGE CLEANING FACILITY TMZONE: 15 NAME: ASTMETERS: 276753 30 HEIGHT: TEMP. DRTHMEFERS: 3236433 TYPE: FUGITIVE EMARK: 1700 DEGREES ENGIH: WIDTH: 1200 E OFNORTH **** ** FACILITY INFORMATION START START SCHED 300 HD D WY VSPS MESHAP 3255 ACT_TTY TRACO 7-03-92 1002 40600259 24.0 7 52 NO NO. 6-38-82 ******* ** ADATEMENT ERUIPMENT INFORMATION V O 7 V UNITS CODE DESCRIPTION ** CONTAMINANT INFORMATION ACTUITY: 01002 NAME: NONMETHANE VOC-U CODE: 50001 CHANGE DATE: 36-08-82 REASON FOR CHANGE: N 3.4771 L/H CHG INCR: .4771 L/H ALLOW: 2.0700 1/4 2.0900 T/Y ACTUAL: T/Y

John Hall, Chairman
Pam Reed, Commissioner
Peggy Garner, Commissioner
Anthony Grigsby, Executive Director



file

TEXAS NATURAL RESOURCE CONSERVATION COMMISSION

Protecting Texas by Reducing and Preventing Pollution

November 8, 1993

Mr. Robert Millis Controller HERCULES REAL ESTATE CORPORATION 11011 Richmond Avenue, Suite 500 Houston, Texas 77042

Re: Change of Ownership
Permit Exemption No. X-13561
Barge Cleaning Facility
Freeport, Brazoria County
Account ID No. BL-0118-V

Dear Mr. Millis:

We appreciate being informed that Hercules Real Estate Corporation is now the owner of the referenced facility which was previously owned by Hercules Offshore Corporation. Our files have been updated to indicate that the change of ownership has occurred.

We understand that there will be no change in the type of pollutants emitted and no increase in the quantity of emissions. As the new owner of the facility, you have committed to maintain compliance with all air quality Rules and Regulations of the Texas Natural Resource Conservation Commission and the requirements of this permit exemption at all times.

Thank you for providing this information and for your commitment to comply. Your cooperation and interest in air pollution control are appreciated.

Sincerely, Thanh

Cecil Bradford Chief of Staff Services New Source Review Program

Ceal Brospord

cc: Ms. Karen Kilpatrick, Air Program Manager, Houston Leo D. O'Gorman, M.D., Director, Brazoria County Health Department, Angleton

HERCULES

REAL ESTATE CORPORATION

11011 Richmond Ave., Suite 500 Houston, Texas 77042 Office (713) 789-7983 Fax (713) 789-4063

September 1, 1993

CERTIFIED MAIL RETURN RECEIPT REQUESTED

Director, Permits Division Texas Air Control Board 6330 Hwy. 290 East Austin, Texas 78723

RE: Change of Ownership

Permit Number: X-13561

Barge Cleaning

Freeport, Brazoria County

Account I.D. Number: BL-0118-V

Gentlemen:

Hercules Offshore Corporation currently operates a barge cleaning facility in Freeport, Texas. TACB exempted this facility from the permit procedures of the Agency by letter dated June 8, 1982, permit exemption X-3561 when the facility was owned by Fish Engineering and Construction, Incorporation.

This is to advise you that on September 1, 1993, Hercules Offshore Corporation ("Hercules 1") transferred and sold its Freeport facility to Hercules Real Estate Corporation ("Hercules REC"). At that time, Hercules 1 changed its name.

The change in ownership should not affect Hercules' future operations. The entire management team and employees of Hercules 1 transferred to and will manage and work for Hercules REC. Hercules REC will continue to conduct business at the same address and our telephone and facsimile numbers will remain the

Director, Permits Division Texas Air Control Board September 1, 1993 Page 2

same. If you need to speak with someone at the facility, you can contact our Marine Manager as set forth below:

Larry Ballinger
Marine Manager
906 Marlin Lane
P. O. Drawer O
Freeport, TX 77541

Telephone: (409) 233-6371 Facsimile: (409) 233-6375

Please accept this letter as notice of this change in ownership and make any necessary transfers of the permit exemption. If you have any questions regarding this notice and request, please contact the undersigned at (713) 789-7983.

Very truly yours,

HERCULES REAL ESTATE CORPORATION

Pohert Millie (m) to the

RM: rmg f:/man/704-11/permit.03a



RECEIVED

DEC 12 1991

Strength through experience, equipment, know-how

P.O. Drawer O Freeport, Texas 77541 Fax. (409) 233-6375

BLØ118V

ing. Kabangan

REGION 7 Office: (409) 233-6371 TEXAS AIR GURTES! 20200

December 11, 1991

Texas Air Control Board 5555 West Loop South Suite 300 Bellaire, Texas 77401-2192

Attention: Exemption Status Board

SUBJECT:

Ammendment to Permit # X13561

Dear Sir:

In January 1989 Hercules Offshore Corporation purchased property in Freeport, Texas from Fish Engineering. The property is located on the Intracoastal Waterway at mile marker 93. The geographical coordinates of the facility are 28° 58' 05" north latitude and 95° 17' 26" west longitude.

Hercules notified TACB in February 1989 of the change in ownership and the TACB transfered the permit exemption # X13561 to Hercules Offshore.

During the 1989 sales transaction, Hercules chose not to purchase one of the tracts of land owned by Fish Engineering. This tract of land contained settling ponds which Fish Engineering closed in 1982. Fish Engineering presently owns this tract.

Due to recent increase in business Hercules is requesting an amendment to the original permit # X13561. The increase will not affect our exemption status for emission. The emission of voc's will still be below 25T/yr.

An increase in cleaning barges has prompted Hercules request for an ammended status. In 1982 Fish Engineering cleaned a total of 150 barges. Hercules presently is cleaning about 240 barges annually. This increase is primarily due to the caustic barges which we clean. Caustic cleaning attributes to approximately one third (1/3) of our total. This increase also reflect projected increases in business. Emission data in enclosed report reflects our projected increase.

Texas Air Control Board Ammendment to Permit # X13561

December 11, 1991 Page 2

Hercules maintains its strict policy concerning wind direction in connection with our residential neighbors.

We at Hercules appreciate all your efforts to handle this matter expediously. If any problems or questions arise, please contact me at our facility (409) 233-6371.

Sincerely,

Darrell Guidry/Prøject Manager HERCULES OFFSHORE CORPORATION

DG/se

cc: T. Seward/Houston

TEXAS AIR CONTROL BOARD





IUN 8 1982



Jun 11 1952

PLOUN I.
TEXAS NO SOMRE DOARD

Th. G. J. 2111
Senior Mice President
MIST EVALUATION,
LOCALPORATIO
Post Office Box 22535
Houston, Texas 77927

Re: Pennit Exemption X-3561
Barge Cleaning Facility
Freeport, Brazoria County

Dea∰ Jer. 5ill:

This is in response to your letter dated April 14, 1982, concerning the proposed construction of a barge cleaning facility. We understand that total emissions of volatile organic compounds will not exceed 17.4 tons per year.

Parsuage to Section 3(27(a) of the Tixas Clean Air Act, I have deterined to exercit your proposed facility from the pendit procedures of air containments to the atmosphere if constructed and operated as described in your letter. You are regimed that regardless of whether a construction parent is required, is extility out be in compliance with all fules and Regulations of the Texas Air Conprol parent at all times.

The iscuance of this exemption is continuent upon the following conditions:

- 1. Hitrogen oxide emissions from Heat #1 shall not exceed 0.16 lbs. NO_x/10⁶ Btu heat input.
- 2. The firing duration of Heater H-1"shall not exceed 147 hour per year.

JUN 8 1982

Br. G. J. Gill

2

3. A record shall be maintained to include the firing duration of Heater H-1, the number and capacity of barges cleaned and the type of material each barge contained. This record shall be made available to representatives of the Board upon request.

Thank you for providing the information necessary for our evaluation of your proposal. If you have further questions concerning this exemption, please contact Mr. Amba Mann of our Permits Division.

Sincerely.

Bill Stewart, P.E. Executive Director

Υ......Υ

Cc: Ar. Sabino Gomez, M.P.H., Regional Supervisor, Bellaire Dr. G. B. Brown, Jr., Acting Director, Brazoria County Health Department, Angleton Texas Air Control Board Mr. Bill Stewart April 14, 1982 Page 2

If you have any questions or require any additional information please do not hesitate to contact our Dr. Richard T. Whitehead at this office.

Very truly yours,

FISH ENGINEERING & CONSTRUCTION, INC.

G. J. Gill

Senior Vice President

cc: Dr. G. B. Brown, Jr.
Acting Director
Brazoria County Health Department
Old Court House Building
Angleton, Texas 77515

Mr. Sabind Gomez, M.P.H. Supervisor Texas Air Control Board 5555 West Loop, Suite 300 Bellaire, Texas 77401

EXHIBIT I

INDEX	
1.	Fish Freeport Marine Facility Operation
2.	Flowsheet
3.	Method of Calculation
4.	Typical Mix of Barge Cargoes
5.	TACB Table 1 (a) Emission Sources - 3 pages
6.	TACB Table 6 Boilers and Heaters - 1 page
7.	TACB Table 7 Storage Tank Summary - 19 pages
8.	Oil/Water Separator Drawing
9.	Water Heater H-I Drawing

FISH FREEPORT MARINE FACILITY OPERATION

The Fish Freeport Marine Facility is for the construction of offshore gas and oil production platforms and the repair of cargo-carrying barges. The repair of barges usually requires cleaning of the barges' tanks by washing and gasfreeing to enable work crews to cut and weld in safety. On the average, one barge is cleaned every three days and requires 9,000 gallons for proper cleaning. In exceptional cases 25,000 gallons can be required to wash a large barge. About 4 percent of the barges washed have a carrying capacity of 88,000 barrels, 18 percent have a capacity of about 20,000 barrels and the remaining 32 percent have a capacity of about 10,000 barrels. Gas-freeing a large 20,000 barrel barge takes 4 to 8 hours while for a 10,000 barrel barge the gas can be removed from the tanks in 2-3 hours. However, barges in volatile liquids service, such as cyclohexane or acetone, arrive with their hatches open so that their tanks are usually dry and free of vapors on docking.

Before wahing can take place, any remaining heel of product is pumped out and stored in the Product Storage Tanks, T-10, T-11 and T-12, or the Stripped Oil Settling Tank, T-7 (See attached flowsheet). The pumping (called stripping) is done by a portable air-operated pump which uses a flexible hose to reach into the barges' tank sumps. On the average, a barge has 3 to 6 tanks with 50 gallons of heel in each tank sump. Periodically the Product Storage and Stripped Oil Settling Tanks are emptied into trucks and the contents sold for fuel or chemical use. About one barge in 20 requires stripping before washing begins.

Each tank in a barge is washed with a Butterworth machine which projects a rotating spray of wash water throughout the tank. Cold high pressure water sprays are usually sufficient to clean tanks to enable repair work to begin. However, for viscous liquids, such as crude oil or No. 6 fuel oil, hot water is usually required to assure cleanliness. A fire-tube diesel oil-fired heater, H-1, provides the hot water. Water for the water heater and for washing comes from a well on site or from a fresh water pond on site.

Water consumption is reduced by recycling. Clean water recycles through the Water Recycle Tank, T-6. Oil and dirty water recycles through the new system consisting of an oil/water gravity separator, two 1000 barrel tanks and one 5000 barrel tank. The separator is a totally enclosed box and uses corrugated inclined plates to separate oil and heavy sludges from the circulating wash water. The tanks store re-used water for up to 90 days, after which the water is removed from the site by road trucks or barge for disposal.

Oil skimmed from the water in the separator flows by gravity into the Slop Oil Tank, T-15. When the Slop Oil Tank is full the contents are sold as fuel and transported from the plant site in tank trucks.

Residual water in barges' tanks contains rust particles, scale and sludge which must be removed by vacuum. Two vacuum pumps provide suction through a flexible hose to pump out the water remaining in the tanks and separate out the solids and sludge in settling tanks. One settling system consists of an inclined Solids K.O. Pot, T-5, together with a horizontal Wash Water Vacuum Tank T-4. The new system of improved design consists of a vertical tank T-13 and a horizontal tank T-14. Water from the vacuum tanks goes to the oil/water separator and then to the wash water storage tanks, T-16, T-17, and T-18 for re-use and eventual disposal.

3. METHOD OF CALCULATION

The calculation of emissions from the equipment at the Fish Freeport Marine Facility followed the methods laid down in "Compilation of Air Pollutant Emission Factors", 3rd. Edition, AP-42, published by the U.S. Environmental Protection Agency. Breathing and working losses were calculated for each storage tank, and for the oil/water separator the only loss calculated was the breathing loss since the level in the separator remains constant. Emissions from the diesel oil-fired water heater were calculated using distillate oil fired industrial boiler factors with heat input rates between 15 and 250 million Btu per hour.

In accordance with the Partial Stay of Regulations published by the U.S. Environmental Protection Agency in the Federal Register, Volume 46, No. 242, Thursday, December 17, 1981, the emissions from the barges have not been included in the total facility annual emissions.

Calculations of emissions from storage tanks and truck loading were made for the worst case in each instance and then adjusted to approach more nearly the actual expected operating conditions. The table on the following page lists the worst case results using gasoline (RVP= 13.0 psi) for the most volatile hydrocarbon handled. Since in fact gasoline and other volatile hydrocarbons and chemicals represented a minor portion of the cargoes transported by the barges washed at the Marine Facility, these results were recalculated using a weighted vapor pressure reflecting the actual historical mix of cargoes rather than the high vapor pressure of the worst case. The recalculated results are listed in Section 5 of this Exhibit I.

Truck loading emissions were estimated assuming that about 20 minutes are required to load 1000 gallons into a truck.

SUMMARY OF ANNUAL STORAGE TANK AND TRUCK LOADING EMISSIONS - WORST CASE

SOURC	<u>E</u>	CONTENTS	LB/YR
T-1		Diesel Oil	15.4
T-2		Diesel Oil	30.9
T-3		Water	-
T-4		Water	-
T- 5	•	Water	-
T-6		Acetone/Water	1028
T-7		Gasoline	7141.5
T-8		Gasoline	1667.3
T-9		Gasoline	2321.5
T-10		MEK	505
T-11		MEK ···	528
T-12		MEK	522
T-13	(New)	Water	-
T-14	(New)	Water	-
T-15	(New)	Gasoline	5616
Oil/W	ater Separator (New)	Gasoline	245
T-16	(New)	Water	-
T-17	(New)	Water	-
T-18	(New)	Water	-
TRUCK	LOADING (GASOLINE)		
E-1	Product Storage	Tanks	840
E-3	Stripped Oil Set	tling Tank	583
E-2	Gasoline Storage	Tanks	209
E-4	Slop Oil Tank		3184
			24436 = 12.21 tons/yr.

4. TYPICAL MIX OF BARGE CARGOES FOR WASHING AT FREEPORT MARINE FACILITY

Period June 1980 to August 1981

CARGO	NUMBER	OF	BARGES
No, 6 fuel oil		23	6900 gal
No. 2 fuel oil		1	>•*
Crude Oil		3	900
Diesel oil		5	1500
C ₅ Oil		1	300
Oil Residues		1	3 - 0
C ₉ Oil		1	300
Naphtha		3	900
Gasoline		2	600
Lactol Solvent (C6-C8)		1	900
Gasoline Additive		1	900
Silicate Oil		1	900
Catalytic Reformer Feed Oil		2	600
Gas 0il		1	300
Benzene		24	7200
Xylene		4	1200
Toluene		7	2100
Cyclohexane		9	
Cumene	•	1	300
Ethylbenzene		2	600
Styrene		3	900
Caustic Soda		8	2400
Hydrochloric Acid		2	400
Sulphuric Acid		1	300
Fertilizer		1	300
Calcium Chloride		7	2100
Ethylene Glycol		3	950
Diethylene Glycol		1	300
Polyalkylene Glycols		6	1800
Methanol		1	300
Butanol		2	60D
Niax Polyol		1	300
Chloroform		2	600
Perhloroethylene		1	3.0
Vinyl Chloride		1	300
Chlorine	•	4	1200
Acetic Acid		5	1500
Acetone		3	900
Methylethyl Ketone		2	400
Vinyl Acetate		1	300
Ballast Water		3	- 900 -
TO'	TAL I	51	

Review of applications and issuance of permits will be expedited by supplying all necessary information requested on this Table.

		AIR CONTAMINA		EMISSION POINT DISCHARGE PARAMETERS											
	ON POINT [1]	CHEMICAL COMP OF TOTAL STR			TAMINANT ON RATE		UTM COORDINATES STACK SOURCES [7] OF EMISSION PT. [6] HEIGHT EXIT DATA				ARE/ SQUR(A CES [8]			
NUMBER	NAME	COMPONENT OR AIR CONTAMINANT NAME [2]	CONC.(%v)	#/HR [4]	TONS/YR	ZONE	EAST (meters)	NORTH (meters)	ABOVE GROUND (It)	ABOVE	DIA. (ft)	VEL. (fps)	TEMP.	LENGTH (ft)	WIDTH (ft)
T~l	Tank	Diesel Oil		0.002	0.001							:			
T-2	Tank	Diesel Oil		0.004	0.002						· · · -				
T-3	Tank	Water													
T-4	Tank	Water		_	_				<u> </u>			ļ			·
T-5	Tank	Water			-			<u>. </u>							
T-6	Tank	Wash Water		0.117	0.089										
T-7	Tank	Hydrocarbons		0.815	0.617			_ -			_				
т-8	Tank	Gasoline U		0.190	0.144							ļ			
T-9	Tank	Gasoline $ u$		0.265	0.200		•	ė.					ļ		
T-10	Tank	Chemicals Hydrocarbons	<i>4</i>	0,058	0.044										
T-11	Tank	Chemicals Understand		0,060	0.046					. <u>.</u>					<u> </u>

GROUND ELEVATION OF FACILITY ABOVE MEAN SEA LEVEL - 10 feet TACB STANDARD CONDITIONS ARE 68° F AND 14.7 PSIA [RULE 131.01.00.001(55)]

General Instructions:

- 1. Identify each emission point with a unique number for this plant site, consistent with emission point identification used on plot plan, previous permits and Emissions Inventory Questionnaire. Limit emission point number to 8 character spaces. For each emission point use as many lines as necessary to list air contaminant data. Typical emission point names are: heater, vent, boiler, tank, reactor, separator, baghouse, fugitive, etc. Abbreviations are OK.
- 2. Typical component names are: air, H₂O, nitrogen, oxygen, CO₂, CO, NO_x, SO₂, hexane, particulate matter (PM), etc. Abbreviations are OK.
- 3. Concentration data is required for all gaseous components. Show concentration in volume percent of total gas stream.
- 4. Pounds per hour (# /HR) is maximum emission rate expected by applicant.
- 5. Tons per year (T/Y) is annual maximum emission rate expected by applicant, which takes into account process operating schedule.
- 6. As a minimum applicant must furnish a facility plot plan drawn to scale showing a plant benchmark, latitude and longitude correct to the nearest second for the benchmark, and all emission points dimensioned with respect to the benchmark as required by General Application, Form PI-I. This information is essential for calculation of emission point UTM coordinates. Please show emission point UTM coordinates if known.
- 7. Supply additional information as follows if appropriate:
 - (a) Stack exit configuration other than a round vertical stack. Show length and width for a rectangular stack. Indicate if horizontal discharge with a note.
 - (b) Stack's height above supporting or adjacent structures if structure is within 3 "stack heights above ground" of stack.
 - (c) If emission point is a flare, show flare data on Table 8.
- 8. Normally used for fugitive sources. Show dimensions of a minimum size rectangle which will "enclose" all fugitive sources included in this emission point number.

Review of applications and issuance of permits will be expedited by supplying all necessary information requested on this Table.

		AIR CONTAMINA	NT DATA			EMISSION POINT DISCHARGE PARAMETERS									
	ON POINT		OF TOTAL STREAM EMISSI		TO CONTINUE OF THE CONTINUE OF		AIR CONTAMINANT EMISSION RATE		OF EMISSION PT. [6] HEIGHT HEIGHT EXIT DATA				ARE. SOURC	A CES [8]	
NUMBER	NAME	COMPONENT OR AIR CONTAMINANT NAME [2]	CONC.(%v)	#/HR [4]	TONS/YR [5]	ZONE	EAST (meters)	NORTH (meters)	ABOVE GROUND (ft)	ABOVE STRUCT. (ft)	DIA. (ft)	VEL. (fps)	TEMP.	LENGTH (ft)	WIDTH (ft)
T-12	Tank	Chemicals Hydrocarbons		0.060	0.045										
T-13	Tank	Water			-										
T-14	Tank	Water			_					·		ļ <u></u>		<u> </u>	J
T-15	Tank	Hydrocarbons		0.641	0.485		· ·············		ļ						_
T-16	Tank	Water			-										
т-17	Tank	Water					 			···					
T-18	Tank	Water		-	_										
E-1	Truck Load	Chemicals Hydrocarbons		32.000	0.073										
E-2	Truck Load	Gasoline		32.000	0.018			,							
E-3	Truck Load	Hydrocarbons		32.000	0.050								·		
E-4	Truck Load	Hydrocarbons		32.000	0.275							<u> </u>			

COMMO ELEVA:	TION OF FACILITY	/ AOOVE ME	ANICE A LET	UEL	10	1 4
OUCOIND CFCAN	THOM OF FACILITY	MOUVE ME,	WIN DEW FE	VCL ·	10	feet
TARREST AND ARE	D CONDITIONS ARI	- 000 - 4410				
TACK STANDARI	O CONDITIONS AR	F KX F ANII	14 7 PSIA	IROU E 13.	3 01 00 001059	231

General Instructions:

- 1. Identify each emission point with a unique number for this plant site, consistent with emission point identification used on plot plan, previous permits and Emissions Inventory Questionnaire. Limit emission point number to 8 character spaces. For each emission point use as many lines as necessary to list air contaminant data. Typical emission point names are: heater, vent, boiler, tank, reactor, separator, baghouse, fugitive, etc. Abbreviations are OK.
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- A Normally used for funitive sources. Show dimensions of a minimum size rectangle which will "enclose" all funitive sources included in this emission point number

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		AIR CONTAMINA	NT DATA			EMISSION POINT DISCHARGE PARAMETERS									
	ON POINT	CHEMICAL COMP OF TOTAL STI	OSITION REAM	AIR CONTAMINANT EMISSION RATE		UTM COORDINATES OF EMISSION PT. [6]			HEIGHT HEIGHT		SOURCES (7) EXIT DATA			AREA Sources [8]	
NUMBER	NAME	COMPONENT OR AIR CONTAMINANT NAME [2]	CONC.(%v)	#/HR [4]	TONS/YR [5]	ZONE	EAST (meters)	NORTH (meters)	ABOVE GROUND (ft)	ABOVE	DIA. (ft)	VEL. (fps)	TEMP.	LENGTH	WIDTH (ft)
H-1	Water Heater	Particulates		2.33	0.171										
		S02		165.10	12.135					·:	.			<u> </u>	
_		S03	!	2.33	0.171		,		_			<u> </u>			
 		CO		11.63	0.855		<u> </u>	· · · · · · · · · · · · · · · · · · ·	ļ Ļ			 			_
		Hydrocarbons		1.16	0.085					· ·· -			<u> </u>	·	
		NO2		25.58	1.88			· · · · · - · - · ·	ļ <u> </u>					<u> </u>	
		- - • • • • • • • • • • • • • • • • • •								-					
			ļ	<u> </u>	·				ļ				<u> </u>	<u> </u>	

GROUND ELEVATION OF FACILITY ABOVE MEA	NISEALEVEL	1.0	feet
			166
TACB STANDARD CONDITIONS ARE 68° F AND 1	4 7 PSIA (RIHE	131 01 00 001/551	

General Instructions:

- 1. Identify each emission point with a unique number for this plant site, consistent with emission point identification used on plot plan, previous permits and Emissions Inventory Questionnaire. Limit emission point number to 8 character spaces. For each emission point use as many lines as necessary to list air contaminant data. Typical emission point names are: heater, vent, boiler, tank, reactor, separator, baghouse, fugitive, etc. Abbreviations are OK.
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- 3. Concentration data is required for all gaseous components. Show concentration in volume percent of total gas stream.
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 - Stack exit configuration other than a round vertical stack. Show length and width for a rectangular stack. Indicate if horizontal discharge with a note.
 - Stack's height above supporting or adjacent structures if structure is within 3 "stack heights above ground" of stack. If emission point is a flare, show flare data on Table B.
- 8 Normally used for funitive sources. Show dimensions of a minimum size rectangle which will "enclose" all fugitive sources included in this emission point number.

RECORD OF FILE REVIEW

PLEASE COMPLETE THE FULL	UWING INFORMATION:
Your name Bol3	CASALE
Representing	
Address	

Company name	SECF
Permit number x 356/	OR Compliance account no. $BLO118V$
	÷.,
Assisted by	RIZ, Region 7
Date 10/9/88	
· · · · · · · · · · · · · · · · · · ·	

TABLE 6 BOILERS AND HEATERS

					M	4		D 4 -			
Type of Device:	Water	<u>Heater</u>			Manufac			F & T			
Number from flow	diagram:	H-			Model N			TX-11584	<u>1</u>		····
	•		CH.	ARACTE			INPU'	Γ			
Type Fuel	Chen	nical Comp (% by Weig			ir Temp preheat		Fuel Flow Rate (scfm* or lb/hr)				
Diesel				No Pi	reheat			erage 000 1b/h		Design Maxir 8,000 Lb/Hr.	num
Oil					ss Heati lue of F			Total Air Su	tppli	ed and Exces	s Air
	•			(spe	cify un		Average scfm* 25 % excess			1	Maximum scfm* methods: scfm* excess (vol)
<u>, </u>			HEA	T TRAN		ÆDI!		(YUI)		1	(ADI)
Type Transfer Med	ium	Tomes	rature ⁰ F	-	essure (Flow	Rate	(specify uni	te)
(Water, oil, etc.)	idin -	Input	Output		put	1	tput	Average	1414	Design M	
Water		Ambient			<u> </u>		sia			17.3 GPM	
		!	OPER 4	ATING C	HARAC	TERI	STICS	<u>. </u>		<u> </u>	
Ave. Fire Box Temp. at max. firing rate		Fire Box '		(ft/sec) at max firing rate in Fi					ice Time ire Box ing rate (sec)		
1300°F	19 2	cu. ft	, approx							1.82 s	ec.
				STACK P	ARAMI	ETERS	s				
Stack Diameters	Stack	Height		Stack Ga	s Veloc	itv (ft	/sec)		Št	ock Gas	Exhaust
			(@Ave.Fu					Flow Rate)		mp ⁰ F	scfm
30"	10	ft.					21.	_		600°F	6300
		- ·	CHAR	ACTERI	STICS O	F OU	TPUT	·			!
Material				· · · · · · · · · · · · · · · · · · ·				sed (% by V	olun	- ie)	
Particulate				2.33				342 lb/y		·	
502	Ì		10	65.10			24	4270			
503				2.33				342			
CO			•	11.63				1710			
Hydrocarbons				1.16 25.58				170 3760			
Attach an explanat	ion on how	v temperati	re, air flow	rate, exce	ess air or	other	oper	ating variable	s an	controlled.	

Also supply an assembly drawing, dimensioned and to scale, in plan, elevation, and as many sections as are needed to show clearly the operation of the combustion unit. Show interior dimensions and features of the equipment necessary to calculate in performance.

^{*} Standard Conditions: 70°F, 14.7 psia

STORAGE TANK SUMMARY

Three copies of this form must be submitted for each storage tank.

1. BISINES	S LICENSE MA	ME OF CORPORA	TION, COMP.	ANY. IND	IVIDUAL OWNE	R OR (GOVERNMENTA	L AGENCY IN	DER WALL	H APPLICAT) (Bu
		H ENGINE							1		
2. TANK LO	CATION: Fre	eport, Te	exas								
3. TANK IDI	ENTIFICATION	(NUMBER OR H	AME):	T-1	Diesel	Oil	Day Tan	ık			-
4. TANK CAI	PACITY:			BARRELS			1,008	GALLONS			
5. TANK DIA	ENSIONS: DI	AMETER31	8**	HE GHT				2'0"	#107H		
6. TANK SH		•	ID41CAL [X]					R SHAPE -		t	
7. TANK MA	TERIALS OF C	ONSTRUCTION:	STEEL 🕎		¥001			07HER			
S. TANK PA	INT:	CHALKING	#HITE	LIGHT	CREY YOU YOUNG	Ø	A	LUMINUM 🔲	DARK CO	COR OR NO !	AINT
9. TANK CO	NOITION:		6000		FALI	W		*00# 🗀			
O, TANK ST	ATUS:	HEW CONSTR	UCTION .		ALTERATIO	·	Exist	ing			
II. TYPE OF		FIX						HEATED .		UNDERGR	
		A FLOATING R			OPEN TO			SULATED 🔲			THER
Z. IF EANK		F ROOF: DOUBL		THE FOL	PONTOOI	_	ru: •	07HER 🔲	DESCRIB	·	
			SINGLE [900#L6						
	TYPE O	F SHELL TRUCTION:	LIVETED .		WELDE					ε	
3. IF TANK		ANY OTHER TYP	E OF ROOF	OR COVER	FOR NONE AT	ALL	, DESCRIBE:				
4. VENT VA	LVE DATA: IN	DICATE TYPE,	NUMBER, SE	TTINGS.	NO VAPOR DIS	POSAL	:				
		NUMBER	PRESSUA	E	VACUUM			DISCHARGING			
V			SETTIN	G	SETTING	AT	OSPHERE	VAPOR CONT	POL	FLARE	
	COMBINATION	<u> </u>		<u> </u> '							
	PRESSURE										
	VACUUM		<u> </u>							· · · · · · · · · · · · · · · · · · ·	
	OPEN	1					X	<u></u>			
_	TEODY 0F	APORS, GASES				DE M	13 「「「 :	(85/6/	AL. (OR	1 40	0A.P.1
6. TEMPERA	TURES AT WHI	THE ABOVE	LISTED MAT	ERIALS A	RE TO BE STO	RED H	N THIS TANK	: UREOF	41		
MINIMU	PLAI STORED	IS A PETROLE	IM PRODUCT	OR ANY	THER TYPE OF	ORGA	NIC MATERIA	L, SUPPLY T	HE FOLLO	MING INFOR	MATION
COD EAG	WATERIAL .	LATTACH ADDIT	TIONAL SHEE	TS. 15)	NECESSARY).						
VAPOR	PRESSURE:		RETO TOR	<u>مــمــ</u> (12_ LOS. PER	5Q. I	IN. ABSOLUT	E_AT _90	_0 _F		
		OINT:						FLASH PO	Y PETROLE	UM PRODUCT	'S ONLT:
	ONAL DATA:							1			
		re:		BAR	RELS PER HOU	*	(oa)		GAL	LONS PER H	+QU#
		AVERAGE DISTA					SUMFACE)_	2	FT		
		IT:								LOMS PER 04	47
	TURNOVERS PE		20								
19. IF MATE	RIAL STORED	15 A SOLUTION	, SUPPLY T	HE FOLLO	WING INFORMA	TION:					
N 2 10 5	OF SOLVENT:			_ HAME O	F MATERIAL D	350L	ED:				
CONC	ENTRATION OF	*n.	# 60 mete	u +	for i	* .	LV UALLIME	400		s /callow	
20. IF MATE	RIAL STORED	ED:	LIQUIFIED	GAS WHI	CH IS NOT A	PETROL	EUM PRODUC	T, SÚPPLÝ TI	HE FOLLOW	TING INFORM	AAT ION:
			IDE	NTEFY TH	E MATERIAL:			~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~			
PRES	SURE AT WHIC	H MATERIAL 1	STORED:		LBS. P€#	50. I	Y. GAGE AT -	or			

TABLE 7

≯06000

STORAGE TANK SUMMARY

Three copies of this form must be submitted for each storage tank.

1							
1. BUSINES 15 SUBM				INDIVIDUAL OWNER		TAL AGENCY UNDER Y	HICH APPLICATION
2. TANK LO		REEPORT,			<u></u>		 -
3. TANK ID	ENTIFICATION	(NUMBER OR N	IAME): T-	2 Main D	ieșel Oil	Storage Tank	
4. TANK CA	PACITY:		BAR	RELS			9.140
5, TANK DI	MENSIONS: DIA	METER)†7" HE 1	_{онт} 29 ¹ 0¹¹	LENGTH	wiD1	
6. TANK SH	APE:	CYLIA	IDRICAL 🖾	SPHERICAL	. 🗆 07	HER SHAPE DESC	3018
7. TANK MA	TERIALS OF CO	NSTRUCTION:	STEEL 🕎 🗋	*000	· 🗀	OTHER 5PEC	IFY
8. TANK PA	INT:	CHALKING	WHITE L	GHT GREY ON THE		A LUMENUM DAR	COLOR OR NO PAINT
9, TANK CO	NDITION:		ç 🗆	FAIR		POOR 🗀	
10. TANK ST	'ATUS:	HEW CONSTR	DCTION	AL TERATION	☐ Exis	ting	
II. TYPE OF		Fix		PRESSURE	INTERNAL	LY HEATED [UNDERGROUND .
(CHECK	ALL APPLICAB	LE) FLOATIN	16 ROOF	OPEN TO	· 🗆 🔻 🔻	INSULATED -	отнея 🗔
12. IF TANK			· <u> </u>	FOLLOWING INFOR	MATION:		
		F ROOF: POUBL		PONTOON		OTHER DESC	
	_	F SEAL:		DOUBLE		OTHER 🔲 DESC	R18E
	CONS	F SHELL Truction: F	нуетер 🔲	#EL0E0		OTHER . DESC	AIBE
13. IF TANK	IS TO HAVE	NY OTHER TYP	E OF ROOF OR CO	VER (OR NONE AT	ALL), DESCRIBE	:	
14. VENT VA	LVE DATA: IN	DICATE TYPE,	NUMBER, SETTING	GS AND VAPOR DIS	POSAL:	· · · · · · · · · · · · · · · · · · ·	
		NUMBER	PRESSURE	VACUUM		DISCHARGING TO:	(CHECK)
		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	SETTING	SETTING	ATMOSPHERE	VAPOR CONTROL	FLARE
	COMBINATION			ļ		 	
	PRESSURE	ļ		<u> </u>		 	<u>. – . – . – . – . – . – . – – – –</u>
Í	VACUUM	<u> </u>		ļ		 	
	OPEN	1	<u> </u>	<u> </u>	Х		<u> </u>
i Die	sei Oli			SUCH MATERIALS	DENSITY;	LBS/GAL.	(on) 40 OA.P.I.
			LISTED MATERIAL	S ARE TO BE STO	JEB 114 11115 150	KK: LTURE ——OF	
17. IF MATE	M TEMPERATURE	IS A PETROLE	UM PRODUCT OR A	NY OTHER TYPE OF	ORGANIC MATER	IAL, SUPPLY THE FO	OLLOWING INFORMATION
FOR EAC	CH MATERIAL:	TATTACH ADDI	TIONAL SHEETS	IE NECESSARY).			
VAPOR	PRESSURE:	L&S.	#E1D (OR)	.02 LBS. PER	SQ. IN. ABSOLU		ROLEUM PRODUCTS ONLY:
18171	AL BOILING PO)1NT:	_0,			FLASH POINT:	OF
	ONAL DATA:						
		c:		BARRELS PER HOUF	(ox)	 <u>.</u> .	GALLONS PER HOUR
AVEAA	GE OUTAGE: L	AVERAGE DIST	NCE FROM TOP OF	TANK SHELL TO	. IQUID SURFACE		r t 1
AVERA	GE THROUGHPU	T:		DARRELS PER DAY	(os)		GALLONS PER DAY
1			_				
TANK	TURNOVERS PER	YEAR:	<u>2</u>				
19. IF MATE	RIAL STORED	IS A SOLUTION		LLOWING INFORMA		 	
19. IF MATE HAME	RIAL STORED OF SOLVENT:	IS A SOLUTION		LLOWING INFORMATE OF MATERIAL DE		· · · · · · · · · · · · · · · · · · ·	
19. IF MATE HAME COME	RIAL STORED OF SOLVENT:	IS A SOLUTION	NAN	E OF MATERIAL DI	\$\$0LVED:		
19. IF MATE HAME COME	RIAL STORED OF SOLVENT:	IS A SOLUTION	% BY WEIGHT	(OR)	SSOLVED:		LRS./GALLON DELOWING INFORMATION:
19. IF MATE HAME CONC MATE 20. IF MATE	RIAL STORED OF SOLVENT: ENTHATION OF HIAL DISSOLVE RIAL STORED	D:	% BY WEIGHT LIQUIFIED GAS IDENTIFY	E OF MATERIAL DI	SSOLVED:	CT, SUPPLY THE FO	

TABLE 7

STORAGE TANK SUMMARY

Three copies of this form must be submitted for each storage tank.

1. BUSINES 15 SUBM	TTED.		•	INDIVIDUAL OWNER ONSTRUCTION		NTAL AGENCY UNDER	WHICH APPLICATION	
2. TANK LO	CATION	REEPORT.		ONSTRUCTION	, INC.			
3, TANK ID	ENTIFICATION		ALAET.	-3 Fresh W	ater Tanl			
4. TANK CA	PACITY:		BARR	ELS		GALLONS . 22	,400	
5. TANK DI	MENSIONS: DIA	METER 15	1 31211 HE 14	_{інт} <u>16 ' 0 ''</u>	LENGTH		TH	
6, TANK SH	APE:	CYLIN	IORICAL 🖾	SPHERICAL		THER SHAPE 🔲 DES	CR BE	
7. TANK MA	TERIALS OF CO	NSTRUCTION:	STEEL X	*000		OTHER 🔲 SPE	CIFY	
B. TANK PA	INT:	CHALKING	WHITE LI	GHT GREY OF THE LIFE	应	A LUMIRUM 🔲 DAR	K COLOR OR NO PAINT	
9. TANK CO	NDITION:		6000 🗆	FACE	<u> </u>	POOR		
10. TANK ST	TATUS:	NEW CONSTR	NCTION	AL TERATION	Exi	sting		
II. TYPE O	F TANK;	F1 x(ED ROOF 🔀	PRESSURE	: 🔲 INTERN	ALLY HEATED 🔲	UNGERGROUNG 🗔	
(CHECK ALL APPLICABLE) FLOATING ROOF OPEN TOP INSULATED OTHER								
12. IF TANK IS TO HAVE A FLOATING ROOF, SUPPLY THE FOLLOWING INFORMATION:								
ł	TYPE OF	F AGOF: SOUBL	.E 0ECK 🔲	PONTOON	. \square	OTHER 🔲 DES	CR16E	
	TYPE OF	F SEAL:	SINGLE 🔲	00081		OTHER DES	CRIDE	
		F SHELL	IIVETED 🔲	WELDED		OTHER 0ES	COLOR	
CONSTRUCTION: RIVETED WELDED OTHER OF OSCAIGE OTHER OF OSCAIGE								
14. VENT V	VENT VALVE DATA: INDICATE TYPE, NUMBER, SETTINGS AND VAPOR DISPO					DISCHARGING TO: (CHECK)		
		NUMBE#	PRESSURE SETTING	VACUUM SETTING	ATMOSPHERE			
İ	COMBINATION							
	PRESSURE							
	VACUUM	-		-				
ł	OPEN				X			
15 10 5	LTT	2222 54555	OB MIXTURES OF	SUCH MATERIALS		IN THIS TANK.	<u> </u>	
15. NAME ALL LIQUIDS, VAPORS, GASES OR MIXTURES OF SUCH MATERIALS TO BE STORED IN THIS TANK: WATER								
IG. TEMPERATURES AT WHICH THE ABOVE LISTED MATERIALS ARE TO BE STORED IN THIS TANK:								
MAXIMUM TEMPERATURE OF MAXIMUM TEMPERATURE OF AMDIENT								
FOR EACH MATERIAL: (ATTACH ADDITIONAL SHEETS, IF NECESSARY).								
VAPOR PRESSURE:LES. REIO (OR)LES. PER SQ. IN. ABSOLUTE ATOF								
FOR MEANY PETROLEUM PRODUCTS OF								
INITIAL BOILING POINT:OF FLASH POINT:OF								
OPERATIONAL DATA: MAXIMUM FILLING RATE: BARRELS PER HOUR (OR) GALLONS PER HOUR								
The state of the s								
AVERAGE OUTAGE: (AVERAGE DISTANCE FROM TOP OF TANK SHELL TO LIQUID SURFACE)								
AVERAGE THROUGHPUT: BARRELS PER DAY (OR) GALLOMS PER DAY .								
TANK TURNOVERS PER YEAR:								
NAME OF SOLVENT: NAME OF MATERIAL DISSOLVED:								
CONCENTRATION OF								
MATERIAL DISSOLVED: % BY WEIGHT (OR) % BY VOLUME (OR & S./GALLON								
IDENTIFY THE MATERIAL:OF PRESSURE AT WHICH MATERIAL IS STORED: LBS, PER SO, IN, GAGE ATOF								
				_				

STORAGE TANK SUMMARY

$\overline{}$								
	BUSINES:				INDIVIDUAL OWNER ONSTRUCTION		NTAL AGENCY UNDER	MHICH APPLICATION
2.	TANK LO	CATION: F	REEPORT,	TEXAS		·		
3,	TANK 108	ENTIFICATION	(NUMBER OR N	AME): T	-4 Wash Wa	ter Vacuu	m Tank	
4.	TANK CAF	PAC1TY:			IELS			11.770
5.	TANK DIM	ENSIONS: DIA	7 ()"' HE I!	GHT	LENGTH	36'0"	DTH
6.	TANK SH	APE:	CYLIN	ORICAL X	SPHERICA	. 🗆 .	THER SHAPE . DE	SCRIPE
7.	TANK MA	TERIALS OF CO	ONSTRUCTION:	STEEL Y	*004	, 🗆	OTHER 🔲 SP	ECIFY
θ.	TANK PA	INT:	CHALKING	##17E LI	CHT CREY TO THE	<u> </u>	A E UM I NUM 🔲 DA	RK COLOR OR NO PAINT
9.	TANK CO	HOITION:		6000	FAEI		P008 🔲	
ю.	TANK ST	ATUS:	NEW CONSTR	OCTION -	ALTERATIO	□ Exi	sting	
11.	TYPE OF			10 ROOF	PRESSURI	=	LLY HEATED T	UMBERGROUND 🔲
<u></u>			LE) FLOATING		OPEN TO		INSULATED X	OTHER
12.	IF IMPR		A FLOATING RI F ROOF: POUBL	· <u> </u>	FOLLOWING INFOR		ATHER 06	SCRIBE
			F SEAL:		000911	==	OTHER . DE	
		-	F SHELL TRUCTION: R		WELDE	Ξ.	OTHER 0	
13.	IF TANK	IS TO HAVE	ANY OTHER TYP	E OF ROOF OR CO	VER (OR NONE AT			
-	VENT VA	LVE DATA: IN	DICATE TYPE	MINNER SETTING	S AND VAPOR DIS	POSM ·		
ļ' - '	1011 16	L112 OATA, 111		PRESSURE	VACUUM	, OSAL.	DISCHARGING TO	: (CHECK)
	None		NUMBE #	SETTING	SETTING	ATHOSPHERE	VAPOR CONTRO	L FLARE
		COMBINATION						
		PRESSURE						<u></u>
		VACUUM			<u> </u>			
		OPEN	<u> </u>		<u> </u>			
15.	NAME AL	L Liquids, v. Water	APORS, GASES	OR MIXTURES OF	SUCH MATERIALS	TO BE STORED OF THE STORED	IN THIS TANK:	(on)o_a.r.t.
16.		TURES AT WHIL		LISTED MATERIAL	S ARE TO BE STO	RED IN THIS T.		
17.		TEMPERATURE		M PRODUCT OR A				FOLLOWING INFORMATION
}				TIONAL SHEETS,				
	VAPOR	PRESSURE:	L93.	ME10 (OR)	LOS. PER	5Q. IN. AB301		F ETROLEUM PRODUCTS ONLY:
	INITIA	L BOILING PO		o.			FLASH POINT	
18.	OPERATIO	ONAL DATA:			<u> </u>			
	MAX1MUM	FILLING RAT	E:	··	BARRELS PER HOU!	(om)		GALLONS PER HOUR
ĺ	AVERA	GE OUTAGE: (A	AVERAGE DISTA	NCE FROM TOP OF	TANK SHELL TO 1	. IOUID SURFACE	.)	- FT
	AVERA	GE THROUGHPUT	r:	<u>. </u>	MARRELS PER DAY	(ox)	`	GALLOHS PER DAY
<u> </u>		TURNOYERS PER		SUPPLY THE ED	LLOWING INFORMA	TION:		
, ,					C OF MATERIAL DI			
1	CONCE	NTRATION OF						
20	MATER	HAL STARER	D:	S BY WEIGHT	(OR)	S 6Y VOLUME	OR	FOLLUWING INFORMATION:
			G		THE MATERIAL:			

STORAGE TANK SUMMARY

Ţ.	BUSINES:				INDIVIDUAL OWNE				DER WA	HICH APPLICATION
2.	TANK LO	CATION:		EPORT, TEXA						
3.	TANK 108	ENTIFICATION		AME).	'-5 Salids	Knor	kout Po	+		
4.	TANK CAF	PACITY:			PELS	<u>,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,</u>	- <u>D.1411</u>	GALLONS	1,4	000
5.	TANK DIM	ENSIONS: DIA	METER) ^{F‡} HE1	GHT -		LENGTH	6'8"	WIDTY	
6.	TANK SH	APE:	CAFIL	IORICAL 🔼	SPHERICA		ОТНЕ	R SHAPE	DESCI	1186
7.	TANK MA	TERIALS OF CO	NSTRUCTION:	STEEL X	*00	Ö		ОТНЕЙ 🎞	SPEC	IFY
8.	TANK PA	INT:	CHALKING	; жн. т Е 🗀 ц\	YELLOW WAXWAXWA		A	T DW I WOM	DARK	COLOR OR NO PAINT
9.	TANK CO	NDITION:		6000 🟋	FAC	ū		*00# 🔲		· · · · · · · · · · · · · · · · · · ·
10.	TANK ST	ATUS:	NEW CONSTR	LUCTION	AL TERATIO	· 🗆	Existin	o		
11.	TYPE OF	TANK:	Fix	ED ROOF	PAESSUR	S		HEATED [UNDERGROUND [
_		ALL APPLICABI			OPEN TO			ISULATED 🔲		OTHER
H 2.	IF TANK		A FLOATING R ROOF: DOUBL	<i>'</i> —	FOLLOWING INFOR		N:	ATW64		ti DE
		TYPE OF		SINGLE	poueli	=		OTHER		1106
					#ELDE			OTHER		
13.	IF TANK	IS-TO HAVE A	WY OTHER TYP	E OF ROOF OR C	OVER (OR NONE AT		DESCRIBE:			
14.	VENT VA	LVE DATA: IN	DICATE TYPE,	NUMBER, SETTIN	GS AND VAPOR DIS	POSAL		 .	-	
	None		NUMBER	PRESSURE	VACUUM			DISCHARGING	: 07	(CHECK)
1		 	110.202.4	SETTING	SETTING	ÀTE	OSPHERE	VAPOR CONT	POL	FLARE
1		COMBINATION							}	
		PRESSURE		<u> </u>						
		VACUUM						_		· · · · · · · · · · · · · · · · · · ·
		OPEN	<u> </u>		*****	TO 35	CTOOCO IN	THE TIME	!	
		Water			SUCH MATERIALS	DEH	\$ TY :	LBS/G4	<u> </u>	(OR)OA.F.1.
16.		TURES AT WHIC , temperature		LISTED MATERIA	LS ARE TO BE STO	RED IN Maximu	N THIS TANK IM TEMPERAT	: UREOF	An	bient
17.	IF MATE	RIAL STORED	S A PETROLE		NY OTHER TYPE OF	ORGA	VIC MATERIA	L, SUPPLY T	HE FO	LLOWING INFORMATION
				TIONAL SHEETS,					٥-	
	VAPOR	PRE35URE:	L85.	REID (GR)	LOS. PER	3Q. I	M. ABSOLUTE			OLEUM PRODUCTS ONLY:
İ	INITEA	L BOILING PO	INT:	_0,				FLASH PO		o,
18.	4444	ONAL DATA:		<u>-</u>		-				<u> </u>
					BASSOL & ACR WALL		(os)			GALLONS PER HOUR
			:		DARRELS FER HOUS					
	MAXIMUM	FILLING RATE			TANK SHELL TO	.10010	SURFACE)_			
	MAXIMUM AYERAC	FILLING RATS GE OUTAGE: (A	VERAGE DISTA	NCE FROM TOP OF		.10010	SURFACE)_			T Gallons per day
	MAXIMUM AVERAC AVERAC TANK 1	FILLING RATI GE OUTAGE: (A GE THROUGHPUT TURNOVERS PER	YEAR:	NCE FROM TOP OF	TAME SHELL TO BARRELS PER DAY	. 1 90 1 0	SURFACE)_			
19,	MAXIMUM AVERAG AVERAG TANK 1	FILLING RATE GE OUTAGE: (A GE THROUGHPUT TURNOVERS PER RIAL STORED I	YEAR:	, SUPPLY THE FO	F TAME SHELL TO BARRELS PER DAY DLLOWING INFORMA	LIQUIO	SURFACE)_			
	MAXIMUM AVERAC TANK 1 IF MATER HAME CONCE	FILLING RATE GE OUTAGE: (A GE THROUGHPUT TURNOVERS PER RIAL STORED I OF SOLVENT: HIRATION OF	YEAR:	, SUPPLY THE FO	F TAME SHELL TO BARRELS PER DAY DLLOWING INFORMA IE OF MATERIAL D	TION:	SURFACE			SALLONS PER DAY
	MAXIMUM AVERAC TANK 1 IF MATER HAME CONCE	FILLING RATE GE OUTAGE: (A GE THROUGHPUT TURNOVERS PER RIAL STORED I OF SOLVENT: HIRATION OF	YEAR:	, SUPPLY THE FO	F TAME SHELL TO BARRELS PER DAY DLLOWING INFORMA IE OF MATERIAL D	TION:	SURFACE			SALLONS PER DAY
	MAXIMUM AVERAC TANK 1 IF MATER HAME CONCE	FILLING RATE GE OUTAGE: (A GE THROUGHPUT TURNOVERS PER RIAL STORED I OF SOLVENT: HIRATION OF	YEAR:	, SUPPLY THE FO	F TAME SHELL TO BARRELS PER DAY DLLOWING INFORMA IE OF MATERIAL D	TION: SBOLV	OR			

STORAGE TANK SUMMARY

	IS LICENSE NAM		TION, COMPANY, ENGINEERING			AL AGENCY UNDER Y	MICH APPLICATION
2. TANK LO	CATION:	FREEPO	ORT, TEXAS				
3, TANK ID	ENTIFICATION			6 Water R	Recycle Tan	k	
4. TANK CA	PACITY:		BARR	£L\$		GALLONS]	9.323
5, TANK DI	MENSIONS: DIA	METER10	6" HE 1 G	нт	LENGTH	29'6" ****	'N
6. TANK SH	(APE:	CAFIN	IDRICAL X	SPHERICA	. □ отн	ER SHAPE DESC	R186
7. TANK MA	TERIALS OF CO	NSTRUCTION:	STEEL X	•00	• 🖵	OTHER SPEC	CIFY
8. TANK PA	INT:	CHALRING	HHITE LIG	HT GREY XIN SING	<u> </u>	A LUMINUM DARS	COLOR OR NO PAINT
9, TANK CO	· · · · · · · · · · · · · · · · · · ·		G000 🔲	FAI	₽ 🔯	POOR 🗀	
BO, TANK ST			OCTION	AL TERATIO		sting	
11. TYPE O	F TANK: ALL APPLICABS		ED #00F [X]	PRESSUR OPEN TO	_	Y HEATED	UNDERGROUND
			DOF, SUPPLY THE				
		ROOF: DOUBL	· —	PONTOG		OTHER 0650	CRISE .
1	TYPE OF		SINGLE	600 81	=		.R18E
ŀ	TYPE OF	SHELL	HIVETED .	WELDE	_	OTHER DESC	
13 IF TANK	CONST	MOCTION.	E OF ROOF OR CO		. —		
<u> </u>	· ·					· .	· · · · · · · · · · · · · · · · · · ·
14. VENT V	ALVE DATA: INC	DICATE TYPE,	NUMBER, SETTING	S AND VAPOR DIS	POSAL:		
•		NUMBER	PRESSURE SETTING	VACUUM SETTING	ATMOSPHERE	DISCHARGING TO:	(CHECK)
1	COMBINATION		3211146	32111111	ALBOSPHERE	TAPOR CONTROL	
	PRESSURE				 	 	
ł	VACUUM						
!	OPEN	1				 	
15. NAME AL		POPS CASES	OR MIXTURES OF	SUCH HATERIALS	TO BE STORED AN	-THIS TANK	<u>l</u>
	Was	h Water			DENSITY:	L8\$/GAL.	(on)o
	LTURES AT WHIC W TEMPERATURE		LISTED MATERIAL	S ARE TO BE STO	RED IN THIS TAN Maximum Tempera	K: Tureo _f Am	bient
17. IF MATE	RIAL STORED	S A PETROLE	JM PRODUCT OR AN	Y OTHER TYPE OF	ORGANIC MATERI	AL, SUPPLY THE F	OLLOWING INFORMATION
			FIONAL SHEETS, I			_	
VAPOR	PRESSURE:	L#S.	RE10 (OR)	LAS. FER	39. 18. A630LU		ROLEUM PRODUCTS ONLY:
18171	AL BUILING PO	INT:	_0 _F			FLASH POINT:	OF
18. OPERATI						_ 	
MAXIMUM	FILLING BATE	::		ARRELS PER HOU	n (on) <u> </u>	300	GALLONS PER HOUR
AVERA	GE OUTAGE: (A	VERAGE DISTA	NCE FROM TOP OF	TANK SHELL TO	LIQUID SURFACE)	1	FT
AVERA	GE THROUGHPUT	:		ARRELS PER DAY	(or)		GALLONS PER DAY
TANK	TURNOVERS PER	YEAR:					
		1.7	, SUPPLY THE FOL	LOWING INFORMA	TION:	**************************************	Ch 1 -
	OF SOLVENT: .	Water	HAME	OF MATERIAL D	ISSOLVED: <u>HYD</u>	rocarbons,	CHEMICALS
GONC:	ENTRATION OF RIAL DISSOLVED	: <u>0.1</u>	S BY WEIGHT	(an)	_ % ay valuer	toe	LBS./GALLON
20. IF MATE	RIAL STORED (S A GAS OR A	LIQUIFIED GAS W	HICH IS NOT A	PETROLEUM PRODUC	T, SUPPLY THE FO	LBS./GALLON
				THE MATERIAL:			
	-	MATERIAL 15	STORED:	LOS. PER	SO. IN GAGE AT	o,	

Contract and Company

TABLE 7

STORAGE TANK SUMMARY

٦.								
L .	BUSINESS LIC			,	NOTVIOUAL OWNE & CONSTRUCT		AL AGENCY UNDER Y	HICH APPLICATION
2.	TANK LOCATIO	ON:	FREEPOR	r, texas			<u>.</u>	
3.	TANK IDENTIF	FICATION	INUMBER OR N	IAME I :	T-7 Strippe	d Oil Sett	ling Tank	
4.	TANK CAPACIT	TY:		BAI	RRELS		GALLONS 32	2,092
5,	TANK DIMENSI	ONS: DIA	METER		1GHT 915"	LENGTH	40'0" ••••	# <u>11'10"</u>
6.	TANK SHAPE:		CYLII	EDRICAL	SPHERICA	• • • • • • • • • • • • • • • • • • • •	IER SHAPE 💟 DESC	RISE RECTANGIL AR
7.	TANK MATERIA	ALS OF CO	NSTRUCTION:	STEEL 🔼	+00	<u> </u>	OTHER 🔲 SPEC	:IFY
в.	TANK PAINT:		CHALKING	**************************************	IGHT GREY XX XXX	(X)	ALUMINUM 🔲 DARI	COLOR OR NO PAINT
9.	TANK CONDIT	ION:		5000 🔲	FATI	• 🔯	POOR 🔲	
10.	TANK STATUS	· .	NEW CONSTI	RUCT 10H 🔲	AL TERATIO	Exis	rino	
11.	TYPE OF TAN			ED ROOF	PRESSUR		Y HEATED 🔲	UNDERGROUND 🔲
<u>_</u>			E) FLOATING	 	OPEN TO		NSULATED .	OTHER [
12.	. IF IANK 13		ROOF: DOUBL		rollowing information a		0THER 0ESC	**inc
				SINGLE	DOUBLE	=		
						=	=	
13	15 TANK 15 1	CONST	SHELL SUCTION:	TO AT DOOR OF	#ELOE!		OTHER DESC	RIBE
[]	OF FAMILIS	IU HAVE A	NT GIHER ITE	TE OF ROOF OR C	COVER FOR NONE AT	ALLI, DESCRIBE	:	
14.	VENT VALVE	DATA: (NE	SICATE TYPE,	NUMBER, SETTI	NGS AND VAPOR DIS	POSAL:		
•		Ī	NUMBER	PRESSURE	VACUUM		DISCHARGING TO:	
ļ	r 			SETTING	SETTING	ATMOSPHERE	VAPOR CONTROL	FLARE
	}	INATION	1	1.0 PSI	0.5 PSI	X	 	<u> </u>
		SSUME		 	-	· · · · · · · · · · · · · · · · · · ·		<u> </u>
ı	VACI			·				
L	OPE	м (<u> </u>	1		<u> </u>	<u> </u>
15.	. NAME ALL LI							
					F SUCH MATERIALS	TO BE STORED IN	THIS TANK:	(on) \$A.F.1.
16,	Wate	er. Hvo	irocarbor	15	ALS ARE TO BE STO	PENSITY:	LBS/GAL. K:	(OR) OA.P.1.
	Wate TEMPERATURE	S AT WHICE	Irocarbor	LISTED MATERIA	ALS ARE TO BE STO	PENSITY: RED IN THIS TAN MAXIMUM TEMPERA	K: TUREOF Amb	ient
	Wate TEMPERATURE WINIMUM TEM IF MATERIAL	S AT WHICH	THE ABOVE	LISTED MATERIA	ALS ARE TO BE STO	PENSITY: RED IN THIS TAN MAXIMUM TEMPERA	K: TUREOF Amb	
	Wate TEMPERATURE WINIMUM TEM IF MATERIAL FOR EACH MA	S AT WHICH PERATURE STORED I	THE ABOVE THE ABOVE OF IS A PETROLEI (ATTACH ADD)	LISTED MATERIA UM PRODUCT OR A TIONAL SHEETS,	ALS ARE TO BE STO	PENSITY: RED IN THIS TAN MAXIMUM TEMPERA ORGANIC MATERI	K: TURE OF Amb AL, SUPPLY THE F	ient OLLOWING INFORMATION
	Wate TEMPERATURE MINIMUM TEM IF MATERIAL FOR EACH MA VAPOR PRES	S AT WHICH S AT WHICH STORED I TERIAL: (THE ABOVE THE ABOVE OF IS A PETROLEI (ATTACH ADD)	LISTED MATERIA UM PRODUCT OR A TIONAL SHEETS, REID (OR)	ALS ARE TO BE 5TO ANY OTHER TYPE OF (F NECESSARY).	PENSITY: RED IN THIS TAN MAXIMUM TEMPERA ORGANIC MATERI	K: TURE OF Amb AL, SUPPLY THE F	ient
17.	Wate TEMPERATURE MINIMUM TEM IF MATERIAL FOR EACH MA VAPOR PRES	S AT WHICE S AT WHICE STORED I TERIAL: I	THE ABOVE OF IS A PETROLEI (ATTACH ADDI LBS.	LISTED MATERIA UM PRODUCT OR A TIONAL SHEETS, REID (OR)	ALS ARE TO BE 5TO ANY OTHER TYPE OF (F NECESSARY).	PENSITY: RED IN THIS TAN MAXIMUM TEMPERA ORGANIC MATERI 30. IN. ABSOLU	LBS/GAL. K: TUREOF Amb AL, SUPPLY THE F TE ATOF FOR HEAVY PET FLASH POINT:	ient OLLOWING INFORMATION
17.	Water TEMPERATURE MINIMUM TEM IF MATERIAL FOR EACH MA VAPOR PRES INITIAL 80 OPERATIONAL	S AT WHICH STORED INTERIAL: ISUNE:	THE ABOVE OF IS A PETROLEI (ATTACH ADDI: UBS.	LISTED MATERIA UM PRODUCT OR A TIONAL SHEETS, REID (OR)	ALS ARE TO BE 5TO ANY OTHER TYPE OF (F NECESSARY).	PENSITY: RED IN THIS TAN MAXIMUM TEMPERA ORGANIC MATERI 30. IN. ABSOLU	K: TURE OF AMB AL, SUPPLY THE F TC AT OF FOR HEAVY PET FLASH POINT:	ient OLLOWING INFORMATION
17.	Water TEMPERATURE MINIMUM TEM IF MATERIAL FOR EACH MA VAPOR PRES INITIAL 80 OPERATIONAL MAXIMUM FILS	S AT WHICE STORED I TERIAL: (ISUME: DILING PO DATA: LING RATE	THE ABOVE OF IS A PETROLEI (ATTACH ADDI' LBS.	LISTED MATERIA UM PRODUCT OR A TIONAL SHEETS, REID (OR) OF	ALS ARE TO BE STO ANY OTHER TYPE OF IF NECESSARY).	PENSITY:	TURE OF AMB AL, SUPPLY THE F TC AT OF FOR HEAVY PET FLASH POINT:	ient OLLOWING INFORMATION ROLEUM PRODUCTS ONLY:
17.	Water TEMPERATURE MINIMUM TEM MINIMUM TEM FOR EACH MA VAPOR PRES INITIAL 80 OPERATIONAL MAXIMUM FILE AVERAGE OF	S AT WHICH STORED ! TERIAL: () ISURE: DILING PO DATA: LING RATE JITAGE: (A	ITOCATHON THE ABOVE OF IS A PETROLEI (ATTACH ADDI' LBS.	LISTED MATERIA UM PRODUCT OR A TIONAL SHEETS, REID (OR) OF	ALS ARE TO BE STO ANY OTHER TYPE OF IF NECESSARY). LOS. PER	PENSITY: RED IN THIS TAN MAXIMUM TEMPERA ORGANIC MATERI SO. IN. ABSOLU (ORJ	TURE OF AMB AL, SUPPLY THE F TC AT OF FOR HEAVY PET FLASH POINT:	ient OLLOWING INFORMATION ROLEUM PRODUCTS ONLY:
18.	Water TEMPERATURE MINIMUM TEM IF MATERIAL FOR EACH MA VAPOR PRES INITIAL 80 OPERATIONAL MAXIMUM FILE AVERAGE OF TANK TURNO	S AT WHICE STORED ITERIAL: ISUME: DILING PO DATA: LING RATE LING R	ITOCATHOR H THE ABOVE OF IS A PETROLEI (ATTACH ADDI' LBS. INT: VERAGE DISTA	LISTED MATERIA UM PRODUCT OR A TIONAL SHEETS, REID (OR)	ALS ARE TO BE STO ANY OTHER TYPE OF IF NECESSARY). LOS. PER BARRELS PER HOUSE F TANK SHELL TO: BARRELS PER DAY	PENSITY: RED IN THIS TAN MAXIMUM TEMPERA ORGANIC MATERI 30. IN. ABSOLU (OR)	LBS/GAL. K: TUREOF Amb AL, SUPPLY THE F TC ATOF FOR HEAVY PET FLASH POINT: 300	ient OLLOWING INFORMATION ROLEUM PRODUCTS ONLY:
17.	Water TEMPERATURE WINIMUM TEM IF MATERIAL FOR EACH MA VAPOR PRES INITIAL 80 OPERATIONAL MAXIMUM FILS AVERAGE OF TANK TURNO IF MATERIAL	S AT WHICH STORED INTERIAL: (I SURE: LING PO DATA: LING RATE LING RATE LING RATE COVERS PER STORED I	ITOCATHOR H THE ABOVE OF IS A PETROLEI (ATTACH ADDI' LBS. INT: VERAGE DISTA : YEAR:	LISTED MATERIA UM PRODUCT OR A TIONAL SHEETS, REID (OR) OF	ALS ARE TO BE STO ANY OTHER TYPE OF IF NECESSARY). LOS. PER BARRELS PER HOUSE F TANK SHELL TO SERRELS PER DAY OLLOWING INFORMA	PENSITY: RED IN THIS TAN MAXIMUM TEMPERA ORGANIC MATERI 30. IN. ABSOLU (OR)	LBS/GAL. K: TUREOF Amb AL, SUPPLY THE F TC ATOF FOR HEAVY PET FLASH POINT: 300	ient OLLOWING INFORMATION ROLEUM PRODUCTS ONLY:
18.	Water TEMPERATURE WINIMUM TEM IF MATERIAL FOR EACH MA VAPOR PRES INITIAL 80 OPERATIONAL MAXIMUM FILS AVERAGE OF TANK TURNO IF MATERIAL NAME OF S	S AT WHICH STORED ITERIAL: (I STURE: LING PO DATA: LING RATE LING RATE LING RATE CONTROL (A STORED I COLVENT: LOUERT PER STORED I COLVENT: LOUERT: LOUERT PER STORED I COLVENT: LOUERT PER STO	ITOCATHOR H THE ABOVE OF IS A PETROLEI (ATTACH ADDI' LBS. INT: VERAGE DISTA : YEAR:	LISTED MATERIA UM PRODUCT OR A TIONAL SHEETS, REID (OR) OF	ALS ARE TO BE STO ANY OTHER TYPE OF IF NECESSARY). LOS. PER BARRELS PER HOUSE F TANK SHELL TO: BARRELS PER DAY	PENSITY: RED IN THIS TAN MAXIMUM TEMPERA ORGANIC MATERI 30. IN. ABSOLU (OR)	LBS/GAL. K: TUREOF Amb AL, SUPPLY THE F TC ATOF FOR HEAVY PET FLASH POINT: 300	ient OLLOWING INFORMATION ROLEUM PRODUCTS ONLY:
17.	WATER TEMPERATURE WENTERNAM IF MATERIAL FOR EACH MA VAPOR PRES INITIAL 80 OPERATIONAL MAXIMUM FILL AVERAGE OF AVERAGE TO TANK TURNO IF MATERIAL MAME OF S CONCENTRA	S AT WHICH STORED ! TERIAL: (I STURE:	ITOCATHON HE ABOVE OF IS A PETROLEI (ATTACH ADDI' LBS. INT: VERAGE DISTA YEAR:	UM PRODUCT OR ATTIONAL SHEETS, REID (OR)	ALS ARE TO BE STO ANY OTHER TYPE OF IF NECESSARY). LOS. PER BARRELS PER HOUSE BARRELS PER DAY OLLOWING INFORMA ME OF MATERIAL DI	PENSITY: RED IN THIS TAN MAXIMUM TEMPERA ORGANIC MATERI SO. IN. ABSOLU (OR)	LBS/GAL. K: TUREOF Amb AL, SUPPLY THE F FOR HEAVY PET FLASH POINT: 300	ient OLLOWING INFORMATION ROLEUM PRODUCTS ONLY: Op GALLOWS PER HOUR TT GALLOWS PER DAY
17.	WATER TEMPERATURE WENTERNAM IF MATERIAL FOR EACH MA VAPOR PRES INITIAL 80 OPERATIONAL MAXIMUM FILL AVERAGE OF AVERAGE TO TANK TURNO IF MATERIAL MAME OF S CONCENTRA	S AT WHICH STORED ! TERIAL: (I STURE:	ITOCATHON HE ABOVE OF IS A PETROLEI (ATTACH ADDI' LBS. INT: VERAGE DISTA YEAR:	UM PRODUCT OR ATTIONAL SHEETS, REID (OR)	ALS ARE TO BE STO ANY OTHER TYPE OF IF NECESSARY). LOS. PER BARRELS PER HOUSE BARRELS PER DAY OLLOWING INFORMA ME OF MATERIAL DI	PENSITY: RED IN THIS TAN MAXIMUM TEMPERA ORGANIC MATERI SO. IN. ABSOLU (OR)	LBS/GAL. K: TUREOF Amb AL, SUPPLY THE F FOR HEAVY PET FLASH POINT: 300	ient OLLOWING INFORMATION ROLEUM PRODUCTS ONLY:
17.	TEMPERATURE MINIMUM TEM IF MATERIAL FOR EACH MA VAPOR PRES INITIAL 80 OPERATIONAL MAXIMUM FILS AVERAGE OF TANK TURNO IF MATERIAL MAME OF S CONCENTRA MATERIAL IF MATERIAL	S AT WHICH STORED ITERIAL: (I SURE: LING PO DATA: LING RATE LING R	ITOCATHOR H THE ABOVE OF IS A PETROLEI (ATTACH ADDI' LBS. INT: VERAGE DISTA : YEAR:	LISTED MATERIA UM PRODUCT OR A TIONAL SHEETS, REID (OR) OF MACE FROM TOP OF MAINTER NAI ** BY WEIGHT LIQUIFIED GAS IDENTIF	ALS ARE TO BE STO ANY OTHER TYPE OF IF NECESSARY). LOS. PER BARRELS PER HOUSE BARRELS PER DAY OLLOWING INFORMA ME OF MATERIAL DI	PENSITY: PED IN THIS TAN MAXIMUM TEMPERA ORGANIC MATERI 30. IN. ABSOLU (OR)	FOR HEAVY PET FLASH POINT: 100 5 100 11, SUPPLY THE FO	ient OLLOWING INFORMATION ROLEUM PRODUCTS ONLY: Op GALLOWS PER HOUR TT GALLOWS PER DAY

STORAGE TANK SUMMARY

1. BUSINESS			, ,	INDIVIOUAL OWNER & CONSTRUCT			L AGENCY UND	ER WHIC	H APPLICATION
2, TANK LOX	CATION:		T TEXAS						
3, TANK 108	NTIFICATION	INUMBER OR N	AME): T	-8 Gasolin	e S	torage T	ank		
4. TANK CAF	ACITY:		· BARI	els.			GALLONS	3,117	
5. TANK DIM	ENSTONS: DIA	METER51	4 ¹¹ HE11	мт		LEHGTH <u>1</u>	8'4"	#10TH	
6. TANK SH	ME:	CYLIN	IDRICAL 🖾	SPHERICAL		OTHE	R SHAPE	DESCRIB	£
7. TANK MAT	TERIALS OF CO	NSTRUCTION:	STEEL X	*000			OTHER 🔲	SPECIFY	
8. TANK PA	INT:	CHALKING	WHITE U	GHT GREY DEX MINE	\boxtimes	A	LUMINUM 🔲	DARK CO	LOR OR HO PAINT
9. TANK CO	NDITION:		6000	FAIR		· · · · · · · · · · · · · · · · · · ·	*00# 🗀		
10, TANK ST	ATUS:	NEW CONSTR	UCTION	AL TERATION		Exist	ing		
II. TYPE OF			to #00# [X]	PRESSURE	=		HEATED .	_	UMBERGROUND .
	ALL APPLICABL			OPEN TO			SULATED .		OTHER
12. IF IANK		ROOF: DOUBL	· <u>-</u>	PONTOOR		n: ,	OTHER T	DESCRIA	E
		SEAL:	= ==	DOUBLE	_		_		£
§	TYPE OF	SHELL	_						
13 LC TANK		X0C1.04.	11 VETED 1	130.13*		00000000	OTHER -	DESCRIB	<u> </u>
Ĺ				VER (OR NONE AT		<u></u>		<u>.</u>	
14. VENT VA	LVE DATA: INI	DICATE TYPE,	NUMBER, SETTING	S AND VAPOR DIS	PC5AL				
}	,	NUMBE R	PRESSURE SETTING	VACUUM SETTING	47.	HOSPHERE	DISCHARGING VAPOR CONT		FLARE
			SETTING	3211111		MOSF HE NE	12704 CONT	-00	- CARE
	COMBINATION PRESSURE		<u> </u>						
ļ	VACUUM		<u> </u>				 	-	
	OPEN		<u> </u>	1		X		- -	·
15. NAME AL	i	PORS. GASES	OR MIXTURES OF	SUCH MATERIALS	TO BE	STORED IN	THIS TANK:	L	
ł	Cacalit	3.0		S ARE TO BE STO	DEN	(5) TY :	L85/GA	(0	R) °A.P.1.
34 (14) 14 (15	TEMPERATURE	of		•	MIZAN	UM TEMPERAT	UREOF	Ambi	ent
17. IF MATE	RIAL STORED	S A PETROLE		YY OTHER TYPE OF	ORGA	NIC MATERIA	L, SUPPLY T	HE FOLLO	WING INFORMATION
FOR EAC	H MATERIAL:	(ATTACH ADDI:	TIONAL SHEETS,	IF NECESSARY).	•-		90	0-	
YAPOR	PRESSURE:	2.)2	4210 (OR) <u> </u>	, , , , , , , , , , , , , , , , , , ,	30.	. A . SOED!	FOR HEAVY	PETROL	EUM PRODUCTS DHLY:
INITIA	L 801LING PO	INT:	0 F				FLASH POI	MT:	o _F
18. OPERATIO		· ·					2200		
				BARRELS PER HOU!			. 2	GA!	LLONS PER HOUR
AVERA	E OUTAGE: (A	VERAGE OISTA	NCE FROM TOP OF	TANK SHELL TO I	.10016	_		ft	
A YERA	SE THROUGHPUT	:		BARRELS PER DAY		(on)		GAL	LOMS PER DAY
	TURNOVERS PER		. SUPPLY THE FO	LLOWING INFORMA	TION:			·	
				E OF MATERIAL DI		٤٥:			
CONCE	HTRATION OF								
MATER	IAL GISSOLVE	5 4 GAS 09 4	S BY WEIGHT	(on)	ETRO	ELIM PRODUC	00 T. SUPPLY TH	E FOLLO	#S./GALLOM WING INFORMATION:
EV. IF MAILE	TAL STURED I	зя ока от А		THE MATERIAL:			.,		
PRE33	NOTHWE TA BRUE	MATERIAL IS	•	LBS. PER S		. GAGE AT -	O.F		
					_				

STORAGE TANK SUMMARY

1. BUSINES			· · · · · · · · · · · · · · · · · · ·			L AGENCY UNDER W	HIGH APPLICATION
		FISH	ENGINEERING	& CONSTRUC	TION, INC.		
2. TANK LO	CATION:	FREEPO	ORT, TEXAS		· · · · · · · · · · · · · · · · · · ·		
3. TANK ID	ENTIFICATION	INUMBER OR N	AME):T	<u>-9 Gasoli</u>	ne Storage	Tan	
4. TANK CA	PACITY:		BARE	RELS		GALLONS 4.7	71
5, TANK DIE	MENSIONS: DIA	METER) ^{[1} HE [1	SHT	LENGTH	17'8" •101	н
6. TANK SH	APE:	CYLIN	IORICAL 🔯 _	SPHERICAL	ОТН	ER SHAPE DESC	. A LOE
7. TANK MA	TERIALS OF CO	NSTRUCTION:	STEEL 🖾	*000		OTHER \$ 50	IFY
6. TANK PA	INT:	CHALKING	: #HITE	GHT GREY XXXXXX		LUMINUM DARK	COLOR OR NO PAINT
9. TANK CO	NDITION:		6000 🖵	FAIR	₩	. POOR	
10. TANK ST	'ATUS:	NEW CONSTR	1UCT 1 ON	AL TERATION	Exis	ting	
II. TYPE OF	F TANK:	FIXE	G ROOF 🔯	PRESSURE		F HEATED	UNDERGROUND
(CHECK	ALL APPLICABI	.E) FLOATIN	IG RQ0F 🔲	-	-	SULATED 🔲	0THER 🗀
12. IF TANK	C IS TO HAVE	A FLOATING RO	OOF, SUPPLY THE	FOLLOWING INFOR	MATION:		
ļ	TYPE OF	Agof: Peval	.E DEC# 🗀	PONTOON		OTHER 🔲 DESC	A166
	TYPE OF	SEAL:	SINGLE 🔲	DOUBLE		OTHER 🔲 DESC	*10E
	TYPE OF CONST	SHELL RUCTION: R	1746160	₩€ L DE 0		OTHER 🔲 DESC	RISE
13. IF TANK			E OF ROOF OR CO	VER (OR NONE AT	ALL), DESCRIBE:		
LA VENT VA	VE DATA: IN	DICATE TYPE.	NUMBER SETTING	GS AND VAPOR DIS	POSAL		
14. 1011 11	THE BRIDE WA		PRESSURE	VACUUM		DISCHARGING TO:	(CHECK)
		NUMBER	SETTING	SETTING	ATMOSPHERE	VAPOR CONTROL	FLARE
ľ		_					
	COMBINATION						
	PRESSURE						
	PRESSURE VACUUM OPEN	1			X		
15. HAME AL	PRESSURE VACUUM OPEN & EIQUIDS, V		OR MIXTURES OF	SUCH MATERIALS	X TO BE STORED IN	THIS TANK:	(OR) OA.P.I.
	PRESSURE VACUUM OPEN E EIQUIDS, V. Casolit	10		S ARE TO BE STO	DENSITY:	LBS/GAL.	(on)oa.p.i.
16. TEMPERA	PRESSURE VACUUM OPEN L LIQUIDS, V. GASOLITURES AT WHICH	THE ABOVE	LISTED MATERIAL	S ARE TO BE STO	DENSITY:RED IN THIS TANK MAXIMUM TEMPERAT	LBS/GAL. UREOF Am	bient .
16. TEMPERA MINIMUS 17. IF MATE	PRESSURE VACUUM OPEN E LIQUIDS, V. GASO LITTURES AT WHICE IN TEMPERATURE RIAL STORED	THE ABOVE OF IS A PETROLE (ATTACH ADDIT	M PRODUCT OR A	S ARE TO BE STON	DENSITY: RED IN THIS TANK MAXIMUM TEMPERAT ORGANIC MATERIA	LBS/GAL. UREOF Am L, SUPPLY THE FO	
16. TEMPERA MINIMUS 17. IF MATE	PRESSURE VACUUM OPEN E LIQUIDS, V. GASO LITTURES AT WHICE IN TEMPERATURE RIAL STORED	THE ABOVE OF IS A PETROLE (ATTACH ADDIT	M PRODUCT OR A	S ARE TO BE STON	DENSITY: RED IN THIS TANK MAXIMUM TEMPERAT ORGANIC MATERIA	105/GAL. 1086 OF Am 11. SUPPLY THE FO	bient OLLOWING INFORMATION
16. TEMPERA MENIMUS 17. IF MATE FOR EAC VAPOR	PRESSURE VACUUM OPEN L LIQUIDS, V. GASOLIT TURES AT WHICE M TEMPERATURE RIAL STORED TH MATERIAL: PRESSURE: 1	THE ABOVE	H PRODUCT OR AUTONAL SHEETS,	S ARE TO BE STON	DENSITY: RED IN THIS TANK MAXIMUM TEMPERAT ORGANIC MATERIA	LBS/GAL. URE OF AM L, SUPPLY THE FOR E AT 90 OF FOR HEAVY PET	Dient OLLOWING INFORMATION ROLEUM PRODUCTS ONLY:
16. TEMPERA MERINUS 17. IF MATE FOR EAC VAPOR	PRESSURE VACUUM OPEN L LIQUIDS, V. GASOLIT TURES AT WHICE M TEMPERATURE RIAL STORED TH MATERIAL: PRESSURE: 1 AL BOILING PO	THE ABOVE	H PRODUCT OR AUTONAL SHEETS,	S ARE TO BE STON	DENSITY: RED IN THIS TANK MAXIMUM TEMPERAT ORGANIC MATERIA	105/GAL. 1086 OF Am 11. SUPPLY THE FO	bient OLLOWING INFORMATION
16. TEMPERA MERINUS 17. IF MATE FOR EAC VAPOR INITI	PRESSURE VACUUM OPEN L LIQUIDS, V. GASOLIT TEMPERATURE RIAL STORED TH MATERIAL: PRESSURE: AL BOILING PO ONAL DATA:	THE ABOVE OF 15 A PETROLEC (ATTACH ADDIT) LBS.	H PRODUCT OR A TIONAL SHEETS, REID (OR)	S ARE TO BE STOLE YY OTHER TYPE OF IF NECESSARY). LBS. PER	DENSITY: RED IN THIS TARK IAXIMUM TEMPERAT ORGANIC MATERIA SQ. IN. ABSOLUT	LBS/GAL. LIREOF Am L, SUPPLY THE FO E ATOF FOR HEAVY PET FLASH POINT:	Dient OLLOWING INFORMATION ROLEUM PRODUCTS ONLY:
16. TEMPERA MENIMUS 17. IF MATE FOR EAC VAPOR INITI 18. OPERATI	PRESSURE VACUUM OPEN E EIQUIDS, V. GASO I IT TURES AT WHICE M TEMPERATURE RIAL STORED CH MATERIAL: PRESSURE: AL BOILING PO ONAL DATA: I FILLING RATE	THE ABOVE OF IS A PETROLEI (ATTACH ADDIT) . U LOS.	LISTED MATERIAL M PRODUCT OR A TIONAL SHEETS, REID (OR) OF	S ARE TO BE STOUD NY OTHER TYPE OF IF NECESSARY). LOS. PER BARRELS PER HOUR	DENSITY: RED IN THIS TANK MAXIMUM TEMPERAT ORGANIC MATERI SQ. IN. ABSOLUT	LBS/GAL. LORE OF AM L, SUPPLY THE FOR E AT 90 OF FOR HEAVY PET FLASH POINT: 3300	Dient OLLOWING INFORMATION ROLEUM PRODUCTS ONLT: OF GALLONS PER HOUR
16. TEMPERA MENTMUM 17. IF MATE FOR EAC VAPOR INITI 18. OPERATI MAXIMUM AVERA	PRESSURE VACUUM OPEN E EIQUIDS, V. GASO I IT TURES AT WHICE M TEMPERATURE RIAL STORED CH MATERIAL: PRESSURE: AL BOILING PO ONAL DATA: I FILLING RATE	THE ABOVE OF OF IS A PETROLEU (ATTACH ADDIT). O LBS.	H PRODUCT OR AN TIONAL SHEETS, REID (OR)	S ARE TO BE STOLE YY OTHER TYPE OF IF NECESSARY). LBS. PER	DENSITY: RED IN THIS TANH MAXIMUM TEMPERAT ORGANIC MATERI: SQ. IN. ABSOLUT	LBS/GAL. LORE OF AM L, SUPPLY THE FOR E AT 90 OF FOR HEAVY PET FLASH POINT: 3300	Dient OLLOWING INFORMATION ROLEUM PRODUCTS ONLY: OF GALLONS PER HOUR
16. TEMPERA MENINGS 17. IF MATE FOR EAC VAPOR INITI 18. OPERATI MAX(MUM AVERA	PRESSURE VACUUM OPEN E LIQUIDS, V. GASOTITURES AT WITCH INTERS THE ABOVE OF IS A PETROLEI (ATTACH ADDIT) .0 LOS. INT: VERAGE DISTA	H PRODUCT OR AN TIONAL SHEETS, REID (OR)	S ARE TO BE STON YY OTHER TYPE OF IF NECESSARY). LOS. PER BARRELS PER HOUR TANK SHELL TO L	DENSITY: RED IN THIS TANH MAXIMUM TEMPERAT ORGANIC MATERI: SQ. IN. ABSOLUT	LOSYGAL. CORE OF AM L, SUPPLY THE FOR E AT 90 OF FOR HEAVY PET FLASH POINT: 3300 3	Dient OLLOWING INFORMATION ROLEUM PRODUCTS ONLY: OF GALLONS PER HOUR	
16. TEMPERA MENIMUS 17. IF MATE FOR EAC VAPOR INITI 18. OPERATI MAXIMUM AVERA AVERA	PRESSURE VACUUM OPEN L LIQUIDS, V. GASOLIT TURES AT WHICE RIAL STORED CH MATERIAL: PRESSURE: L BOILING PO CONAL DATA: I FILLING RATE GE OUTAGE: (A GE THROUGHPUT TURHOVERS PER	THE ABOVE OF IS A PETROLEI (ATTACH ADDIT) . O LOS. INT: VERAGE DISTA	H PRODUCT OR AITIONAL SHEETS, REID (OR)	S ARE TO BE STON YY OTHER TYPE OF IF NECESSARY). LOS. PER BARRELS PER HOUR TANK SHELL TO L	DENSITY: RED IN THIS TANK INTERPRETATION ORGANIC MATERIA SQ. IN. ABSOLUT (OR) (OR)	LOSYGAL. CORE OF AM L, SUPPLY THE FOR E AT 90 OF FOR HEAVY PET FLASH POINT: 3300 3	Dient OLLOWING INFORMATION ROLEUM PRODUCTS ONLY: OF GALLONS PER HOUR
16. TEMPERA MENIMUS 17. IF MATE FOR EAC VAPOR INITI 18. OPERATI MAX(MUM AVERA AVERA TANK 19. IF MATE	PRESSURE VACUUM OPEN L LIQUIDS, V. GASOLIT TURES AT WHICE RIAL STORED CH MATERIAL: PRESSURE: L BOILING PO CONAL DATA: I FILLING RATE GE OUTAGE: (A GE THROUGHPUT TURHOVERS PER	THE ABOVE OF IS A PETROLEIC (ATTACH ADDIT) . O LOS. INT: VERAGE DISTA : YEAR: 2 S A SOLUTION	HERE MATERIAL M PRODUCT OR AN FLONAL SHEETS, REID (OR)	S ARE TO BE STOLE NY OTHER TYPE OF IF NECESSARY). LOS. PER BARRELS PER HOUR TANK SHELL TO L BARRELS PER DAY	DENSITY: RED IN THIS TANK MAXIMUM TEMPERAT ORGANIC MATERI SO, IN. ABSOLUT (OR) (OR) (OR)	LOSYGAL. LORE OF AM L, SUPPLY THE FOR E AT 90 OF FOR HEAVY PET FLASH POINT: 3300 3	Dient OLLOWING INFORMATION ROLEUM PRODUCTS ONLY: OF GALLONS PER HOUR
16. TEMPERA MENTMUM 17. IF MATE FOR EAC VAPOR INITI 18. OPERATI MAXIMUM AVERA AVERA TANK 19. IF MATE CONCI	PRESSURE VACUUM OPEN L LIQUIDS, V. GASO LITURES AT WHICE AT THE STORED THE STORED AND HATERIAL: PRESSURE: AL BOILING PO CNAL DATA: FILLING RATE GE OUTAGE: [A GE THROUGHPUT TURHOVERS PER RIAL STORED ! OF SOLVENT: ENTRATION OF	THE ABOVE OF OF IS A PETROLE! (ATTACH ADDIT). Uss. INT: VERAGE DISTA : YEAR: 2 S A SOLUTION	HERE MATERIAL M PRODUCT OR ALL SHEETS, REID (OR)OF	S ARE TO BE STON YY OTHER TYPE OF IF NECESSARY). LBS. PER BARRELS PER HOUR GARRELS PER DAY CLOWING INFORMATE C OF WATERIAL DE	DENSITY: RED IN THIS TANH MAXIMUM TEMPERAT ORGANIC MATERI: SQ. IN. ABSOLUT (OR) (OR) TON: SSOLVED:	LOSYGAL. LIPE OF AM LIPE OF AM LIPE OF AM LIPE OF AM FOR HEAVY PET FLASH POINT: 3300 3	Dient OLLOWING INFORMATION ROLEUM PRODUCTS ONLT: OF GALLONS PER HOUR TT GALLONS PER DAY
16. TEMPERA MENIMUE 17. IF MATE FOR EAC VAPOR INITI 18. OPERATI MAX (MUM AVERA AVERA TANK 19. IF MATE CONCL MATE	PRESSURE VACUUM OPEN L LIQUIDS, V. CASO I IT TURES AT WHICE M TEMPERATURE RIAL STORED M MATERIAL: PRESSURE: AL BOILING PO ONAL DATA: I FILLING RATA GE OUTAGE: (A GE THROUGHPUT TURHOVERS PER RIAL STORED I OF SOLVENT: ENTRATION OF RIAL OISSOLVE	THE ABOVE OF IS A PETROLEI (ATTACH ADDIT). O LOS. INT: VERAGE DISTA : YEAR: 2 S A SOLUTION	H PRODUCT OR AN TIONAL SHEETS, REID (OR)OF	S ARE TO BE STON YY OTHER TYPE OF IF NECESSARY). LOS. PER BARRELS PER HOUR TANK SHELL TO L BARRELS PER DAY LLOWING INFORMAT C OF MATERIAL DE	OENSITY: DENSITY: TO IN THIS TANK TAXIMUM TEMPERAT ORGANIC MATERI SQ. IN. ABSOLUT (OR) (OR) TION: SOLVED:	LOSYGAL. CORE OF AM L, SUPPLY THE FOR E AT 90 OF FOR HEAVY PET FLASH POINT: 3300 3	Dient OLLOWING INFORMATION ROLEUM PRODUCTS ONLT: OF GALLONS PER HOUR TT GALLONS PER DAY
16. TEMPERA MENIMUE 17. IF MATE FOR EAC VAPOR INITI 18. OPERATI MAX (MUM AVERA AVERA TANK 19. IF MATE CONCL MATE	PRESSURE VACUUM OPEN L LIQUIDS, V. CASO I IT TURES AT WHICE M TEMPERATURE RIAL STORED M MATERIAL: PRESSURE: AL BOILING PO ONAL DATA: I FILLING RATA GE OUTAGE: (A GE THROUGHPUT TURHOVERS PER RIAL STORED I OF SOLVENT: ENTRATION OF RIAL OISSOLVE	THE ABOVE OF IS A PETROLEI (ATTACH ADDIT). O LOS. INT: VERAGE DISTA : YEAR: 2 S A SOLUTION	HE FROM TOP OF	S ARE TO BE STON YY OTHER TYPE OF IF NECESSARY). LOS. PER BARRELS PER HOUR TANK SHELL TO L BARRELS PER DAY LLOWING INFORMAT C OF MATERIAL DE	DENSITY: RED IN THIS TANH MAXIMUM TEMPERAT ORGANIC MATERI SQ. IN. ABSOLUT (OR) (OR) TON: SSOLVED: SSOLVED: TROLEUM PRODUC	LOSYGAL. CORE OF AM L, SUPPLY THE FOR E AT 90 OF FOR HEAVY PET FLASH POINT: 3300 3	Dient OLLOWING INFORMATION ROLEUM PRODUCTS ONLY: OF GALLONS PER HOUR TT GALLONS PER DAY

STORAGE TANK SUMMARY

1. BUSINESS	ITTED:			INDIVIOUAL OWNE			L AGENCY UNDE	R WHICH A	PPLICATION
2. TANK LO	CATION:	FREEPORT							
3, TANK 106	NTIFICATION			-10 Produc	t St	orage T	ank		
4. TANK CAS	_ _			RELS			GALLONS	5,520	
5, TANK DIM	ENSIONS: DIA	METER	TT HE	GHT	 -	LENGTH	34'6"	FIOTH	
6. TANK SH	APE:	CYLIN	DRICAL X	SPHERICA		OTHE	R SHAPE .	ESCRIBE _	
7. TANK MA	TERIALS OF CO	INSTRUCTION:	STEEL 🔯	*001			OTHER	SPECIFY	
6. TANK PA	INT:	CHALKING	WHETE L	FGHT GREY XXXXXXX	Ø	A	LUMINUM 🔲 (MAK COLO	OR NO PAINT
9. TANK CO	NDITION:		6000 🗆		<u> </u>		P008 🔲		
10, TANK ST		NEW CONSTR		ALTERATIO	<u> </u>	Exist	ing		
II. TYPE OF	TANK: All applicabl		10 ROOF [X]	PRESSURE OPEN TO			SULATED		UMPERGROUND
⊢	····			FOLLOWING INFOR			SULATED		07464
		ROOF: DOUBL	· <u> </u>	PONTOO		•	OTHER 🔲 1	DESCRIBE _	
		<u>_</u>	SINGLE 🔲	000814			OTHER 🔲 I	PESCRIBE _	
	CONST	SHELL TRUCTION: R		WELDE			OTHER 🔲	ESCRIBE _	
13. IF TANK	IS TO HAVE	MY OTHER TYP	E OF ROOF OR C	COVER FOR NONE AT	ALL),	DESCRIBE:		-	
14, VENT VA	LVE DATA: IN	DICATE TYPE,	NUMBER, SETTI	GS AND VAPOR DIS	POSAL	:			
		Numaer	PRESSURE SETTING	VACUUM SETTING	1 1 1 1	OSPHERE	DISCHARGING VAPOR CONTR		FLARE
ĺ	COMBINATION		3011110	36,1114		OS FRENC	TAPON CONT.	-	· CARE
}	PRESSURE			- 		- -			
	VACUUM								- · · · - · · · · · · · · · · · · · · ·
ļ	OPEN	1				Х			
15. NAME AL	L LIQUIDS, V	APORS, GASES	OR MIXTURES OF	SUCH MATERIALS	TO BE	STORED IN	THIS TANK:	(na)	٥, ,
16. TEMPERA	drocarbon	H THE ABOVE	CALS LISTED MATERIA	LS ARE TO BE STO	RED IN	THIS TANK	:		QA.P.I.
M I M I MILE	TEMPERATURE	0F		WY OTHER TYPE OF	MIXAN	IM TEMPERAT	URE	Ambier	NC INCOMMETICAL
FOR SAC	WATERIAL .	(ATTACH ADDIT	TIONAL SHEETS.	IF NECESSARY).				e roccont	in the traction
VAPOR	PRESSURE:	Les.	ME10 (OR)	2.7 LOS. PER	5Q. I	M. ABSOLUT	E_AT	OF	
1				thyl Ketone			FLASH POIN	_	PRODUCTS ONLY:
18. OPERATIO					-			" ·	
MAXIMUM	FILLING RATE	!:	<u> </u>	BARRELS PER HOU!	t	(or)5	5	GALLO	NS PER HOUR
AVERA	SE OUTAGE: (A	VERAGE DISTA	NCE FROM TOP O	F TANK SHELL TO	. 1 00 10	SURFACE) _	4	FT	
AVERA	E THROUGHPUT	:		BARRELS PER DAY		(on)		GALLOM	S PER DAY
	TURNOVERS PER		CUBDLY THE	OLLOWING INFORMA	T I ČOVI	=-==			
Į.				UE OF MATERIAL DE		en.			
CONCE	NTRATION OF								
MATER	IAL DISSOLVE	S A CAS 00 A	N BY WEIGHT	MICH IS NOT A	E TRO	A AOF THE	(OR	FOLLUWIN	/GALLON
LUCIT MAILN	TAL SIGNED 1	3 A 043 OK A		Y THE MATERIAL:					_ ,
****	URE AT WHICH	MATERIAL 15	\$TORED :	LOS. PER :	ia. IN	. GAGE AT -	o,		

STORAGE TANK SUMMARY

1. BUSINESS LICENSE NAME OF CORPORATION, COMPANY, INDIVIDUAL OWNER OR GOVERNMENTAL AGENCY UNDER WHICH APPLICATION IS SUBMITTED: FISH ENGINEERING & CONSTRUCTION, INC. 2. TANK LOCATION: FREEPORT, TEXAS 3. TANK IDENTIFICATION (NUMBER OR NAME): T-11 Product Storage Tank 4. TANK CAPACITY:
2. TANK LOCATION: FREEPORT, TEXAS 3. TANK IDENTIFICATION (NUMBER OR NAME): T-11 Product Storage Tank
A TAIN CABACITY.
GALLONS 3,933
5. TANK DIMENSIONS: DIAMETER 51511 HEIGHT LENGTH 331411 WOTH
6. TANK SHAPE: CYLINDRICAL SPHERICAL OTHER SHAPE DESCRIBE
7. TANK MATERIALS OF CONSTRUCTION: STEEL TO #000 OTHER SPECIFY
8. TANK PAINT: CHALKING WHITE LIGHT GREY THE TOTAL A LUMINUM DARK COLOR OR NO PAINT
9. TANK CONDITION: GOOD FAIR TO POOR POOR
10. TANK STATUS: NE# CONSTRUCTION ALTERATION EXISTING
11. TYPE OF TANK: FIXED ROOF \(\text{T} \) PRESSURE \(\text{T} \) INTERNALLY MEATED \(\text{T} \) UNDERGROUND \(\text{T} \) (CHECK ALL APPLICABLE) FLOATING ROOF \(\text{T} \) OTHER \(\text{T} \)
CHECK ALL APPLICABLE) FLOATING ROOF OPEN TOP IMSULATED OTHER
TYPE OF ROOF: DOUBLE DECK
TYPE OF SEAL: SINGLE OOUBLE OTHER DESCRIBE
<u> </u>
TYPE OF SHELL CONSTRUCTION: RIVETED WELDED OTHER DESCRIBE 13. IF TANK IS TO HAVE ANY OTHER TYPE OF ROOF OR COVER (OR NONE AT ALL), DESCRIBE:
14. VENT VALVE DATA: INDICATE TYPE, NUMBER, SETTINGS AND VAPOR DISPOSAL:
DISTRABGING TO: (CHECK)
NUMBER PRESSURE VACUUM UISCHARGING TO: (CHECK) SETTING SETTING ATMOSPHERE VAPOR CONTROL FLARE
COMBINATION
PRESSURE
VACUUM
OPEN 1 V
15. NAME ALL LIQUIDS, VAPORS, GASES OR MIXTURES OF SUCH MATERIALS TO BE STORED IN THIS TANK:
115. NAME ALL LIQUIDS, VAPORS, GASES OR MIXTURES OF SUCH MATERIALS TO BE STORED IN THIS TANK: DEMSITY:
15. NAME ALL LIQUIDS, VAPORS, GASES OR MIXTURES OF SUCH MATERIALS TO BE STORED IN THIS TANK: HVdTocarbons, Chemicals 16. TEMPERATURES AT WHICH THE ABOVE LISTED MATERIALS ARE TO BE STORED IN THIS TANK: MAXIMUM TEMPERATUREOF MAXIMUM TEMPERATUREOF
15. NAME ALL LIQUIDS, VAPORS, GASES OR MIXTURES OF SUCH MATERIALS TO BE STORED IN THIS TANK: Hydrocarbons, Chemicals 16. TEMPERATURES AT WHICH THE ABOVE LISTED MATERIALS ARE TO BE STORED IN THIS TANK: MINIMUM TEMPERATURE OF 17. IF MATERIAL STORED IS A PETROLEUM PRODUCT OR ANY OTHER TYPE OF ORGANIC MATERIAL, SUPPLY THE FOLLOWING INFORMATION
15. NAME ALL LIQUIDS, VAPORS, GASES OR MIXTURES OF SUCH MATERIALS TO BE STORED IN THIS TANK: HVDTOCATEDORS. Chemicals 16. TEMPERATURES AT WHICH THE ABOVE LISTED MATERIALS ARE TO BE STORED IN THIS TANK: MINIMUM TEMPERATUREOF 17. IF MATERIAL STORED IS A PETROLEUM PRODUCT OR ANY OTHER TYPE OF ORGANIC MATERIAL, SUPPLY THE FOLLOWING INFORMATION FOR EACH MATERIAL: (ATTACH ADDITIONAL SHEETS, IF NECESSARY).
15. NAME ALL LIQUIDS, VAPORS, GASES OR MIXTURES OF SUCH MATERIALS TO BE STORED IN THIS TANK: HVDTOCATEDORS. Chemicals 16. TEMPERATURES AT WHICH THE ABOVE LISTED MATERIALS ARE TO BE STORED IN THIS TANK: MINIMUM TEMPERATURE— OF 17. IF MATERIAL STORED IS A PETROLEUM PRODUCT OR ANY OTHER TYPE OF ORGANIC MATERIAL, SUPPLY THE FOLLOWING INFORMATION FOR EACH MATERIAL: (ATTACH ADDITIONAL SHEETS, IF NECESSARY). VAPOR PRESSURE: LBS. REID (OR) 2.7 LBS. PER SQ. IN. ABSOLUTE AT 90 OF Ambient FOR HEAVY PETROLEUM PRODUCTS ONLY.
15. NAME ALL LIQUIDS, VAPORS, GASES OR MIXTURES OF SUCH MATERIALS TO BE STORED IN THIS TANK: HVdTOCATHORS. Chemicals 16. TEMPERATURES AT WHICH THE ABOVE LISTED MATERIALS ARE TO BE STORED IN THIS TANK: MINIMUM TEMPERATURE. 17. IF MATERIAL STORED IS A PETROLEUM PRODUCT OR ANY OTHER TYPE OF ORGANIC MATERIAL, SUPPLY THE FOLLOWING INFORMATION FOR EACH MATERIAL: (ATTACH ADDITIONAL SHEETS, IF NECESSARY). VAPOR PRESSURE: LOS. REID (OR) 2.7 LOS. PER SQ. IN. ADSOLUTE AT 90 OF ADDICATE INITIAL BOILING POINT: OF METHYLETIAL FOR HEAVY PETROLEUM PRODUCTS ONLY FLASH POINT: OF METHYLETIAL SOLUTE OF METHYLETIAL POINT: OF METHYLETIAL SOLUTE OF FLASH POINT: OF FLASH POINT: OF METHYLETIAL STORED IN THE FORMATION FLASH POINT: OF METHYLETIAL STORED IN THE FORMATION FLASH POINT: OF FLASH POINT: OF METHYLETIAL STORED IN THE FORMATION FLASH POINT: OF METHYLETIAL STORED IN THE FORMATION FLASH POINT: OF FLASH POINT: OF METHYLETIAL STORED IN THE ABOVE LISTED MATERIALS TO BE STORED IN THIS TANK: MAXIMUM TEMPERATURE OF MAXIMUM TEMPERATURE OF FLASH POINT: OF METHYLETIAL STORED IN THE FORMATION FLASH POINT: OF METHYLETIAL STORED IN THE STORED IN THIS TANK: HITCH THE STORED IN THE STORED IN THIS TANK: OF MAXIMUM TEMPERATURE OF MAXIM
15. NAME ALL LIQUIDS, VAPORS, GASES OR MIXTURES OF SUCH MATERIALS TO BE STORED IN THIS TANK: HVdTOCATHORS. Chemicals DEMSITY: LOS/GAL. (OR) OA.P.I. 16. TEMPERATURES AT WHICH THE ABOVE LISTED MATERIALS ARE TO BE STORED IN THIS TANK: MINIMUM TEMPERATURE OF 17. IF MATERIAL STORED IS A PETROLEUM PRODUCT OR ANY OTHER TYPE OF ORGANIC MATERIAL, SUPPLY THE FOLLOWING INFORMATION FOR EACH MATERIAL: (ATTACH ADDITIONAL SHEETS, IF NECESSARY). VAPOR PRESSURE: LOS. REID (OR) 2.7 LOS. PER SQ. IN. ADSOLUTE AT 90 OF AMDIENT INITIAL BOILING POINT: OF METHYLETIAL STORED IS A PETROLEUM PRODUCT OR ANY OTHER TYPE OF ORGANIC MATERIAL, SUPPLY THE FOLLOWING INFORMATION FOR EACH MATERIAL: (ATTACH ADDITIONAL SHEETS, IF NECESSARY). VAPOR PRESSURE: LOS. REID (OR) 2.7 LOS. PER SQ. IN. ADSOLUTE AT 90 OF AMDIENT FOR HEAVY PETROLEUM PRODUCTS ONLY FLASH POINT: OR 18. OPERATIONAL DATA:
15. NAME ALL LIQUIDS, VAPORS, GASES OR MIXTURES OF SUCH MATERIALS TO BE STORED IN THIS TANK: HVDTOCATHODS. Chemicals 16. TEMPERATURES AT WHICH THE ABOVE LISTED MATERIALS ARE TO BE STORED IN THIS TANK: MINIMUM TEMPERATURE OF 17. IF MATERIAL STORED IS A PETROLEUM PRODUCT OR ANY OTHER TYPE OF ORGANIC MATERIAL, SUPPLY THE FOLLOWING INFORMATION FOR EACH MATERIAL: (ATTACH ADDITIONAL SHEETS, IF NECESSARY). VAPOR PRESSURE: LBS. REID (OR) 2.7 LBS. PER SO. IN. ABSOLUTE AT 90 OF AMBIENT INITIAL BOILING POINT: OF METHYLETH MATERIAL FOR HEAVY PETROLEUM PRODUCTS ONLY FLASH POINT: OF 18. OPERATIONAL DATA: MAXIMUM FILLING RATE: BARRELS PER HOUR (OR) 55 GALLONS PER HOUR
15. NAME ALL LIQUIDS, VAPORS, GASES OR MIXTURES OF SUCH MATERIALS TO BE STORED IN THIS TANK: HVGTOCATHODS. Chemicals 16. TEMPERATURES AT WHICH THE ABOVE LISTED MATERIALS ARE TO BE STORED IN THIS TANK: MINIMUM TEMPERATURE OF 17. IF MATERIAL STORED IS A PETROLEUM PRODUCT OR ANY OTHER TYPE OF ORGANIC MATERIAL, SUPPLY THE FOLLOWING INFORMATION FOR EACH MATERIAL: (ATTACH ADDITIONAL SHEETS, IF NECESSARY). VAPOR PRESSURE: LBS. REID (OR) 2.7 LBS. PER SQ. IN. ABSOLUTE AT 90 OF AMBIENT INITIAL BOILING POINT: OF METHYLETHYL KETONE 18. OPERATIONAL DATA: MAXIMUM FILLING RATE: BARRELS PER HOUR (OR) 55 GALLONS PER HOUR AVERAGE OUTAGE: (AVERAGE DISTANCE FROM TOP OF TANK SHELL TO LIQUID SURFACE) FT
15. NAME ALL LIQUIDS, VAPORS, GASES OR MIXTURES OF SUCH MATERIALS TO BE STORED IN THIS TANK: HVCTOCATOODS. Chemicals 16. TEMPERATURES AT WHICH THE ABOVE LISTED MATERIALS ARE TO BE STORED IN THIS TANK: MINIMUM TEMPERATURE. OF 17. IF MATERIAL STORED IS A PETROLEUM PRODUCT OR ANY OTHER TYPE OF ORGANIC MATERIAL, SUPPLY THE FOLLOWING INFORMATION FOR EACH MATERIAL: (ATTACH ADDITIONAL SHEETS, IF NECESSARY). VAPOR PRESSURE: LBS. REID (OR) 2.7 LBS. PER SQ. IN. ABSOLUTE AT 90 OF AMBIENT INITIAL BOILING POINT: OF METHYLETHYL KETONE MAXIMUM FILLING RATE: MAXIMUM FILLING RATE: MAXIMUM FILLING RATE: AVERAGE THROUGHPUT: BARRELS PER DAY (OR) GALLONS PER DAY
15. NAME ALL LIQUIDS, VAPORS, GASES OR MIXTURES OF SUCH MATERIALS TO BE STORED IN THIS TANK: HVGTOCATHODS. Chemicals 16. TEMPERATURES AT WHICH THE ABOVE LISTED MATERIALS ARE TO BE STORED IN THIS TANK: MINIMUM TEMPERATURE OF 17. IF MATERIAL STORED IS A PETROLEUM PRODUCT OR ANY OTHER TYPE OF ORGANIC MATERIAL, SUPPLY THE FOLLOWING INFORMATION FOR EACH MATERIAL: (ATTACH ADDITIONAL SHEETS, IF NECESSARY). VAPOR PRESSURE: LBS. REID (OR) 2.7 LBS. PER SQ. IN. ABSOLUTE AT 90 OF AMBIENT INITIAL BOILING POINT: OF METHYLETHYL KETONE 18. OPERATIONAL DATA: MAXIMUM FILLING RATE: BARRELS PER HOUR (OR) 55 GALLONS PER HOUR AVERAGE OUTAGE: (AVERAGE DISTANCE FROM TOP OF TANK SHELL TO LIQUID SURFACE) FT
15. NAME ALL LIQUIDS, VAPORS, GASES OR MIXTURES OF SUCH MATERIALS TO BE STORED IN THIS TANK: Hydrocathors. Chemicals Density: Les/gal. (04)
15. NAME ALL LIQUIDS, VAPORS, GASES OR MIXTURES OF SUCH MATERIALS TO BE STORED IN THIS TANK: HYDTOCATEORS. Chemicals 16. TEMPERATURES AT WHICH THE ABOVE LISTED MATERIALS ARE TO BE STORED IN THIS TANK: MINIMUM TEMPERATURE. OF MAXIMUM TEMPERATURE. OF 17. IF MATERIAL STORED IS A PETROLEUM PRODUCT OR ANY OTHER TYPE OF ORGANIC MATERIAL, SUPPLY THE FOLLOWING INFORMATION FOR EACH MATERIAL: (ATTACH ADDITIONAL SHEETS, IF NECESSARY). VAPOR PRESSURE: LBS. REID (OR) 2.7 LBS. PER SQ. IN. ABSOLUTE AT 90 OF AMBIENT INITIAL BOILING POINT: OF METHYLETHYLETHYLETHYLETHYLETHYLETHYLETHYL
15. NAME ALL LIQUIDS, VAPORS, GASES OR MIXTURES OF SUCH MATERIALS TO BE STORED IN THIS TANK: HYDTOCATEORS. Chemicals 16. TEMPERATURES AT WHICH THE ABOVE LISTED MATERIALS ARE TO BE STORED IN THIS TANK: MINIMUM TEMPERATURE. OF MAXIMUM TEMPERATURE. OF 17. IF MATERIAL STORED IS A PETROLEUM PRODUCT OR ANY OTHER TYPE OF ORGANIC MATERIAL, SUPPLY THE FOLLOWING INFORMATION FOR EACH MATERIAL: (ATTACH ADDITIONAL SHEETS, IF NECESSARY). VAPOR PRESSURE: LBS. REID (OR) 2.7 LBS. PER SQ. IN. ABSOLUTE AT 90 OF AMBIENT INITIAL BOILING POINT: OF METHYLETHYLETHYLETHYLETHYLETHYLETHYLETHYL
15. NAME ALL LIQUIDS, VAPORS, GASES OR MIXTURES OF SUCH MATERIALS TO BE STORED IN THIS TANK: HYDTOCATDODS. Chemicals 16. Temperatures at which the above Listed materials are to be stored in this tank: MINIMUM TEMPERATURE 17. IF MATERIAL STORED IS A PETROLEUM PRODUCT OR ANY OTHER TYPE OF ORGANIC MATERIAL, SUPPLY THE FOLLOWING INFORMATION FOR EACH MATERIAL: (ATTACH ADDITIONAL SHEETS, IF NECESSARY). VAPOR PRESSURE: LOS. REID (OR) 2.7 LOS. PER SQ. IN. ADSOLUTE AT 90 OF AMBIENT INITIAL SOILING POINT: OF METHYLETHYL COF METHYLEUM PRODUCTS ONLY: FOR HEAVY PETROLEUM PRODUCTS ONLY: FOR HEAVY PETROLEUM PRODUCTS ONLY: FLASH POINT: OF METHYLETHYLETHYLETHYLETHYLETHYLETHYLETHYL

STORAGE TANK SUMMARY

1. BUSINESS LICENSE 15 SUBMITTED:						
		ATION, COMPANY, NGINEERING			L AGENCY UNDER W	HICH APPLICATION
2, TANK LOCATION:		RT. TEXAS				
3. TANK 10ENTIFICATI	ON (NUMBER OR I	NAME):	-12 Produc	t Storage J	ank	
4. TANK CAPACITY:		BAAR	ELS		GALLONS 5,8	45
5. TANK DIMENSIONS:	OTAMETER 51	3" HE 14	нт <u></u>	LENGTH	36'1" wor	м
6, TANK SHAPE:	CYL I	NORICAL 🔀	SPHERICAL	ОТН	ER SHAPE 🔲 DESC	.a.iot
7. TANK MATERIALS OF	CONSTRUCTION:	STEEL Y	₩001	<u> </u>	OTHER SPEC	1FY
8. TANK PAINT:	CHALKIN	G #HITE	CHT CREY TO K TO KING	; ©	CUMENUM DAR	COLOR DE NO PAINT
9, TANK CONDITION:	·	6000 🔲	FAIL	. <u>(</u>	P008 🔲	
10. TANK STATUS:	NEW CONST	-	ALTERATION	Exis	ting	
11. TYPE OF TANK:	FLX	£0 R00f ∑	PRESSUA	INTERNALL	Y HEATED	UNOERGROUND .
(CHECK ALL APPLIE	CABLE) FLOATS	NG R00F	OPEN TO	• 🗆 .	NSULATED -	OTHER
2. IF TANK IS TO HA	VE A FLOATING R	DOOF, SUPPLY THE	FOLLOWING INFOR	MATION:		
TYP	E OF ROOF: Pous	LE OECK 🗔	PONTOO		OTHER 🔲 DESC	R 18E
TYPE	E OF SEAL:	SINGLE 🔲	00006		OTHER 🔲 DESC	PIRE .
	OF SHELL		WELDE!	=	OTHER DESC	•
13. IF TANK IS TO HAV	E ANY OTHER TY	PE OF ROOF OR CO				
				·	· ·	
14. VENT VALVE DATA:	INDICATE TYPE,	NUMBER, SETTING		POSAL:	21	
	NUMBER	PRESSURE SETTING	VACUUM SETTING	ATMOSPHERE	DISCHARGING TO:	FLARE
COMBINATI	<u> </u>	3611146	32,11.0	Alecarate	127 04 004 1406	
PAESSUAE	<u> </u>					
					1	
ļ			 			
VACUUM						
VACUUM OPEN	1			X		
VACUUM OPEN 15. NAME ALL LIGUIDS			SUCH MATERIALS	TO BE STORED IN	THIS TANK:	{on}OA.P.I.
VACUUM OPEN 15. NAME ALL LIGUIDS	ona Chomic	27.5	S ARE TO BE STO	TO BE STORED IN DENSITY: RED IN THIS TANK	<u> </u>	{om}O _{A,F,I} .
VACUUM OPEN 15. NAME ALL LIQUIDS HYDROGATE 16. TEMPERATURES AT V	ons Chemic MHIOK THE ABOVE UNEOF	LISTED MATERIAL	S ARE TO BE STO	TO BE STORED IN DENSITY: RED IN THIS TANK	L85/GAL. (: UREOF Am	hienr
VACUUM OPEN 15. NAME ALL LICUIDS HYDOCATION 16. TEMPERATURES AT V MINIMUM TEMPERAT 17. IF MATERIAL STORI	Ons Chemic WHICH THE ABOVE UNEOF ED IS A PETROLE	LISTED MATERIAL	S ARE TO BE STO	TO BE STORED IN DENSITY: RED IN THIS TANK	L85/GAL. (: UREOF Am	hienr
VACUUM OPEN 15. NAME ALL LIQUIDS HYDTOCATE MINIMUM TEMPERAT 17. IF MATERIAL STORE FOR EACH MATERIA	ONS. Chemic WHICK THE ABOVE UNEOF ED IS A PETROLE L: (ATTACH ADDI	LISTED MATERIAL UM PRODUCT OR AN TIONAL SHEETS, I	S ARE TO BE STO BY OTHER TYPE OF F NECESSARY).	TO BE STORED IN DENSITY: RED IN THIS TANK MAXIMUM TEMPERAL ORGANIC MATERI	L85/GAL. (: TUREOF ATT AL, SUPPLY THE FO	hienr
VACUUM OPEN 15. NAME ALL LIQUIDS HVdrocarb. 16. TEMPERATURES AT V MINIMUM TEMPERAT 17. IF MATERIAL STORI FOR EACH MATERIAL VAPOR PRESSURE:	ONS Chemic WHICK THE ABOVE UNE OF ED IS A PETROLE L: (ATTACH ADD)	LISTED MATERIAL UM PRODUCT OR AN TIONAL SHEETS, I REID (OR) 2	S ARE TO BE STO Y OTHER TYPE OF F NECESSARY). 7 LBS. PER	TO BE STORED IN DENSITY: RED IN THIS TANK MAXIMUM TEMPERAL ORGANIC MATERI		hienr
VACUUM OPEN 15. NAME ALL LICUIDS HVCTOCATO 16. TEMPERATURES AT V MINIMUM TEMPERAT 17. IF MATERIAL STORI FOR EACH MATERIA VAPOR PRESSURE: INITIAL BGILING	ONS. Chemic WHICH THE ABOVE UNE OF ED IS A PETROLE L: (ATTACH ADDI- LOS.	LISTED MATERIAL UM PRODUCT OR AN TIONAL SHEETS, I	S ARE TO BE STO Y OTHER TYPE OF F NECESSARY). 7 LBS. PER	TO BE STORED IN DENSITY: RED IN THIS TANK MAXIMUM TEMPERAL ORGANIC MATERI		bient OLLOWING INFORMATION
VACUUM OPEN 15. NAME ALL LICUIDS HYDTOCATION 16. TEMPERATURES AT IN MINIMUM TEMPERATI 17. IF MATERIAL STORE FOR EACH MATERIAL VAPOR PRESSURE: INITIAL BOILING 18. OPERATIONAL DATA:	ONS. Chemic WHICH THE ABOVE UNE OF ED IS A PETROLE L: (ATTACH ADDI LES.	LISTED MATERIAL UM PRODUCT OR AN TIONAL SHEETS, I REID (OR) 2. Or Methylet	s are to be sto Y OTHER TYPE OF F NECESSARY). 7 Los. Pen thyl Ketone	TO BE STORED IN DENSITY: RED IN THIS TANK MAKIMUM TEMPERAL ORGANIC MATERI SQ. IN. ABSQLUT	LBS/GAL. (CORE OF AMAL, SUPPLY THE FOR HEAVY PET FLASH POINT:	Dient OLOWING INFORMATION ROLEUM PRODUCTS ONLY:
VACUUM OPEN 15. NAME ALL LIQUIDS HYDTOCATE 16. TEMPERATURES AT V MINIMUM TEMPERAT 17. IF MATERIAL STORI FOR EACH MATERIAL VAPOR PRESSURE: INITIAL BOILING 18. OPERATIONAL DATA: MAXIMUM FILLING	ONS Chemic WHICK THE ABOVE UNE OF ED IS A PETROLE L: (ATTACH ADDI- LES.	LISTED MATERIAL UM PRODUCT OR AN TIONAL SHEETS, I REID (OR) 2 Or Methylet	S ARE TO BE STO Y OTHER TYPE OF F NECESSARY). T. LBS. PER Thyl Ketone	TO BE STORED IN DENSITY: RED IN THIS TANK MAXIMUM TEMPERA ORGANIC MATERI SQ. IN. ABSOLUT	L AT QQ OF FOR HEAVY PET FLASH POINT:	Dient OLLOWING INFORMATION ROLEUM PRODUCTS ONLY:
VACUUM OPEN 15. NAME ALL LIQUIDS HYDTOCATE 16. TEMPERATURES AT V MINIMUM TEMPERAT 17. IF MATERIAL STORI FOR EACH MATERIAL VAPOR PRESSURE: INITIAL BOILING 18. OPERATIONAL DATA: MAXIMUM FILLING	ONS Chemic WHICK THE ABOVE UNE OF ED IS A PETROLE L: (ATTACH ADDI- LES.	LISTED MATERIAL UM PRODUCT OR AN TIONAL SHEETS, I REID (OR) 2 Or Methylet	S ARE TO BE STO Y OTHER TYPE OF F NECESSARY). 7. LOS. PER THY! Ketone PARRELS PER HOUR TANK SHELL TO	TO BE STORED IN DENSITY: RED IN THIS TANK MAXIMUM TEMPERA ORGANIC MATERI SO, IN. ABSOLUT	L85/GAL. (: CUREOF AM AL, SUPPLY THE FO E AT _OO _OF FOR HEAVY PET FLASH POINT:	DIETT OLLOWING INFORMATION ROLEUM PRODUCTS ONLY: OF GALLONS PER HOUR
VACUUM OPEN 15. NAME ALL LIQUIDS HYDTOCATE 16. TEMPERATURES AT V MINIMUM TEMPERAT 17. IF MATERIAL STORI FOR EACH MATERIAL VAPOR PRESSURE: INITIAL BOILING 18. OPERATIONAL DATA: MAXIMUM FILLING	ONS Chemic MICH THE ABOVE UNE OF ED IS A PETROLE L: (ATTACH ADDI- LES. POINT:	LISTED MATERIAL UM PRODUCT OR AN TIONAL SHEETS, I REID (OR) 2 Or Methylet	S ARE TO BE STO Y OTHER TYPE OF F NECESSARY). 7. LOS. PER THY! Ketone PARRELS PER HOUR TANK SHELL TO	TO BE STORED IN DENSITY: RED IN THIS TANK MAXIMUM TEMPERA ORGANIC MATERI SO, IN. ABSOLUT	L AT QQ OF FOR HEAVY PET FLASH POINT:	DIETT OLLOWING INFORMATION ROLEUM PRODUCTS ONLY: OF GALLONS PER HOUR
VACUUM OPEN 15. NAME ALL LICUIDS HYDTOCATO 16. TEMPERATURES AT IN MINIMUM TEMPERATION FOR EACH MATERIAL VAPOR PRESSURE: INITIAL BULLING INITIAL BULLING AVERAGE OUTAGE: AVERAGE THROUGH TANK TURNOVERS	THE TERMS OF THE THE THE THE THE THE THE THE THE THE	LISTED MATERIAL UM PRODUCT OR AN TIONAL SHEETS, I REID (OR) 2 Or Methylet	S ARE TO BE STO Y OTHER TYPE OF F NECESSARY). Thyl Ketone BARRELS PER HOUR TAME SHELL TO BARRELS PER DAY	TO BE STORED IN DENSITY: RED IN THIS TANK MAXIMUM TEMPERA ORGANIC MATERI SQ. IN. ABSOLUT (OR)	L85/GAL. (: CUREOF AM AL, SUPPLY THE FO E AT _OO _OF FOR HEAVY PET FLASH POINT:	DIETT OLLOWING INFORMATION ROLEUM PRODUCTS ONLY: OF GALLONS PER HOUR
VACUUM OPEN 15. NAME ALL LIQUIDS HYDTOCATE 16. TEMPERATURES AT V MINIMUM TEMPERAT 17. IF MATERIAL STORI FOR EACH MATERIAL VAPOR PRESSURE: INITIAL BOILING 18. OPERATIONAL DATA: MAXIMUM FILLING AVERAGE OUTAGE: AVERAGE THROUGH	THE TERMS OF THE THE THE THE THE THE THE THE THE THE	LISTED MATERIAL UM PRODUCT OR AN TIONAL SHEETS, I REID (OR) 2 Or Methylet	S ARE TO BE STO Y OTHER TYPE OF F NECESSARY). Thyl Ketone BARRELS PER HOUR TAME SHELL TO BARRELS PER DAY	TO BE STORED IN DENSITY: RED IN THIS TANK MAXIMUM TEMPERA ORGANIC MATERI SQ. IN. ABSOLUT (OR)	L85/GAL. (: CUREOF AM AL, SUPPLY THE FO E AT _OO _OF FOR HEAVY PET FLASH POINT:	DIETT OLLOWING INFORMATION ROLEUM PRODUCTS ONLY: OF GALLONS PER HOUR
VACUUM OPEN 15. NAME ALL LIQUIDS HYDTOCATE 16. TEMPERATURES AT V MINIMUM TEMPERAT 17. IF MATERIAL STORI FOR EACH MATERIAL VAPOR PRESSURE: INITIAL BOILING 18. OPERATIONAL DATA: MAXIMUM FILLING IS AVERAGE OUTAGE: AVERAGE THROUGH TANK TURNOVERS 19. IF MATERIAL STORE NAME OF SOLVEN	ONS Chemic OHION THE ABOVE UNE OF ED IS A PETROLE L: (ATTACH ADDI- Les. POINT: (AVERAGE DISTA IPUT: PER YEAR: 5 D IS A SOLUTION T:	LISTED MATERIAL UM PRODUCT OR AN TIONAL SHEETS, I REID (OR) 2 Or Methylet	S ARE TO BE STO TY OTHER TYPE OF F NECESSARY). THE LOS. PER THY LES. PER HOUSE TANK SHELL TO SARRELS PER DAY LLOWING INFORMA	TO BE STORED IN DENSITY: RED IN THIS TANK MAXIMUM TEMPERA ORGANIC MATERI SO, IN. ABSOLUT (OR) (OR)	LBS/GAL. (: CUREOF AM AL, SUPPLY THE FO E ATOTOF FOR HEAVY PET FLASH POINT: 5	DIENT OLLOWING INFORMATION ROLEUM PRODUCTS ONLY: OF GALLONS PER HOUR
VACUUM OPEN 15. NAME ALL LIQUIDS HYGTOCATO 16. TEMPERATURES AT V MINIMUM TEMPERAT 17. IF MATERIAL STORE FOR EACH MATERIAL VAPOR PRESSURE: INITIAL BOILING IB. OPERATIONAL DATA: MAXIMUM FILLING II AVERAGE OUTAGE: AVERAGE THROUGH TANK TURNOVERS 19. IF MATERIAL STORE HAME OF SOLVEN CONCENTRATIONAL	ONS Chemic OHION THE ABOVE UNC OF ED IS A PETROLE L: (ATTACH ADDI- LES. POINT: [AVERAGE DISTA IPUT: PER YEAR: 5 T: Of	TISTED MATERIAL UM PRODUCT OR AN TIONAL SHEETS, I REID (OR) 2 Or Methylet ANCE FROM TOP OF	S ARE TO BE STO TY OTHER TYPE OF F NECESSARY). THE LOS. PER Chyl Ketone MARRELS PER HOUR TAME SHELL TO I MARRELS PER DAY LLOWING INFORMATION OF MATERIAL DI	TO BE STORED IN DENSITY: RED IN THIS TANK MAXIMUM TEMPERA ORGANIC MATERI SO. IN. ABSOLUT (OR) (OR)	L85/GAL. (: UREOF Am AL, SUPPLY THE FO E ATOOOF FOR HEAVY PET FLASH POINT: 5	DIETT OLLOWING INFORMATION ROLEUM PRODUCTS ONLY: OF GALLONS PER HOUR IT GALLONS PER DAY
VACUUM OPEN 15. NAME ALL LIQUIDS HYGTOCATO 16. TEMPERATURES AT V MINIMUM TEMPERAT 17. IF MATERIAL STORE FOR EACH MATERIAL VAPOR PRESSURE: INITIAL BOILING IB. OPERATIONAL DATA: MAXIMUM FILLING II AVERAGE OUTAGE: AVERAGE THROUGH TANK TURNOVERS 19. IF MATERIAL STORE HAME OF SOLVEN CONCENTRATIONAL	ONS Chemic OHION THE ABOVE UNC OF ED IS A PETROLE L: (ATTACH ADDI- LES. POINT: [AVERAGE DISTA IPUT: PER YEAR: 5 T: Of	TISTED MATERIAL UM PRODUCT OR AN TIONAL SHEETS, I REID (OR) 2 Or Methylet ANCE FROM TOP OF	S ARE TO BE STO TY OTHER TYPE OF F NECESSARY). THE LOS. PER Chyl Ketone MARRELS PER HOUR TAME SHELL TO I MARRELS PER DAY LLOWING INFORMATION OF MATERIAL DI	TO BE STORED IN DENSITY: RED IN THIS TANK MAXIMUM TEMPERA ORGANIC MATERI SO. IN. ABSOLUT (OR) (OR)	L85/GAL. (: UREOF Am AL, SUPPLY THE FO E ATOOOF FOR HEAVY PET FLASH POINT: 5	DIETT OLLOWING INFORMATION ROLEUM PRODUCTS ONLY: OF GALLONS PER HOUR IT GALLONS PER DAY
VACUUM OPEN 15. NAME ALL LIQUIDS HYGTOCATO 16. TEMPERATURES AT V MINIMUM TEMPERAT 17. IF MATERIAL STORE FOR EACH MATERIAL VAPOR PRESSURE: INITIAL BOILING IB. OPERATIONAL DATA: MAXIMUM FILLING II AVERAGE OUTAGE: AVERAGE THROUGH TANK TURNOVERS 19. IF MATERIAL STORE HAME OF SOLVEN CONCENTRATIONAL	ONS Chemic OHION THE ABOVE UNC OF ED IS A PETROLE L: (ATTACH ADDI- LES. POINT: [AVERAGE DISTA IPUT: PER YEAR: 5 T: Of	TISTED MATERIAL UM PRODUCT OR AN TIONAL SHEETS, I AREID (OR) 2 OF Methylet ANCE FROM TOP OF N, SUPPLY THE FOR NAME A BY WEIGHT	S ARE TO BE STO TY OTHER TYPE OF F NECESSARY). THE LOS. PER Chyl Ketone MARRELS PER HOUR TAME SHELL TO I MARRELS PER DAY LLOWING INFORMATION OF MATERIAL DI	TO BE STORED IN DENSITY: RED IN THIS TANK MAXIMUM TEMPERA ORGANIC MATERI SQ. IN. ABSOLUT (OR) (OR) TION: SSOLVED: STROLEUM PRODUC	L85/GAL. (: UREOF Am AL, SUPPLY THE FO E ATOOOF FOR HEAVY PET FLASH POINT: 5	DIETT OLLOWING INFORMATION ROLEUM PRODUCTS ONLY: OF GALLONS PER HOUR

STORAGE TANK SUMMARY

	ESS LICENSE NA					TAL AGENCY UNDER W	HICH APPLICATION
2. TANK	LOCATION:			& CONSTRUC	ZI LON. LINC	·	
3. TANK	DENTIFICATION) <u>RT. TEXAS</u> AME):	-13 Wash W	Jater Vacuu	ım Tank	
4. TANK	CAPACITY:			-13. "45"	ater vacu		\ <u>\</u>
5, TANK D	IMENSIONS: BIA	метер 3'	011		LENGTH _		
6. TANK			DRICAL (X)	SPHERICA			RIBE
7. TANK 2	MATERIALS OF CO				. 🗆	OTHER D SPEC	
8. TANK			-	GHT GREY XXXXXX			COLOR OR NO PAINT
9. TANK	CONDITION:		G000 [X]		· 🗆	*00R 🔲	
10, TANK	STATUS:	NEW CONSTR	исттон 👽	ALTERATIO	* 🗀		
11. TYPE	OF TANK:	fize	D 800F 🔀		E X INTERNAL	LY HEATED	UNDERGROUND .
(CHEC	K ALL APPLICAD	LE) FLOATIN	G #00F 🔲	OPEN TO	<u>- </u>	INSULATED 🔲	OTHER 🔲
12. IF TA	NK IS TO HAVE	A FLOATING RO	XXF, SUPPLY THE	FOLLOWING INFO	MATION:	<u> </u>	
]	TYPE O	F ROOF: POUBL	E DECK 🗔	PORTOG	,	OTHER 🔲 DESC	
			SINGLE 🔲	couel	: 🗆	OTHER 🔲 DESC	R 18E
4	TYPE OF	F SHELL Truction: "	146160 🔲	#EL0E	• —	OTHER 🛄 DESC	RIBE
13. IF TA	NK IS TO HAVE	ANY OTHER TYP	E OF ROOF OR CO	OVER TOR HONE AT	ALLI, DESCRIE	E:	
14. VENT	VALVE DATA: IN	DICATE TYPE,	NUMBER, SETTIN	GS AND VAPOR DIS	POSAL:	· · · · · · · · · · · · · · · · · · ·	
No		NUMBE #	PRESSURE	VACUUM		DISCHARGING TO:	(CHECK)
NO			SETTING	SETTING	ATMOSPHERE	VAPOR CONTROL	FLARE
	COMBINATION				<u></u>		
İ	PRESSURE		<u> </u>				
	VACUUM						
	OPEN	}			L		
15. NAME		APORS, GASES	OR MIXTURES OF	SUCH MATERIALS	TO BE STORED I	N THIS TANK:	(on)oA.F.1.
I6. TEMPE	Water RATURES AT WHIL	SYOBA SHT HO	LISTED MATERIAL	S ARE TO BE STO	RED IN THIS TA	NK:	
MINIM	UM TEMPERATURE	Or	"" appropriet on A		MAXIMUM TEMPER		OLLOWING INFORMATION
			M PRODUCT OR A		Organic water	CIAL, ADECE INC.	occowing information
				L8\$, PER	SQ. IN. ABSOL	UTE_ATOF	<u> </u>
			•				ROLEUM PRODUCTS ONLY:
<u> </u>	TIONAL DATA:	INT:	, y F			FLASH POINT:	<u></u> <u>'</u>
		T :		BARRELS PER HOU	e (oa)	· ·	GALLONS PER HOUR
1)	
			1				
TAM:	C TURNOVERS PER	YEAR:					
19. IF MAT	ERIAL STORED I	S A SOLUTION	, SUPPLY THE FO	LLOWING INFORMA	TION:		
1			NAM	E OF MATERIAL D	\$\$0LYED:		
	CENTRATION OF	D·	% av me : cur	(nel	E BY UALING	los.	1 BS . /GALLOW
		- · 	- 0. PC10F1	1441	- A D. ADTOME	104	
20. IF MAT	ERIAL STORED I	S A GAS OR A	LIQUIFIED GAS	WHICH IS NOT A	PETROLEUM PROD	JCT, SUPPLY THE FO	
20. IF MAT	ERIAL STORED I	S A GAS OR A		WHICH IS NOT A :		JCT, SUPPLY THE FO	LLOWING INFORMATION:

STORAGE TANK SUMMARY

I. BUSINES 15 SUBM			TION, COMPANY, SH ENGINEER					R WHICH	APPLICATION
2. TANK LO	CATION:	FRE	EEPORT, TEX	AS		· · · · · · · · · · · · · · · · · · ·			
3. TANK ID	ENTIFICATION	(NUMBER OR N	AME : T	-14 Wash W	ater	Vacuum	ι Ταπk		
4. TANK CA	PACITY:		BARR				GALLONS	6000	
5. TANK DIN	MENSIONS: DIA	METER) ¹¹ HE LG	нт		LENGTH <u>2</u>	0'0"	#10TH	
6. TANK SH	APE:	CYL 1N	DRICAL 🔯	SPHERICAL		ОТНЕ	R SHAPE	DESCRIGE.	
7. TANK MA	TERIALS OF CO	NSTRUCTION:	STEEL X	=00	<u> </u>		OTHER 🔲	SPECIFY_	
8. TANK PA	INT:	CHALKING	WHITE LI	SHT GREY TO THE			COMENSM	DARK COL	OR OR HO PAINT
9. TANK CO	NOTTON:		6000 🔀	FAII	<u></u>		P00# 🗆		
ID, TANK ST		NEW CONSTR	<u></u>	AL TERATIO				<u></u>	
II. TYPE OF	F TANK: All applicabl		10 #00F	PRESSURI OPEN TO	_		SULATED		UNDERGROUND
			DOF, SUPPLY THE				**************************************	·	01828
}		ROOF: DOUBL	_	PONTOO	Ē	•	OTHER		
<u> </u>	TYPE OF						OTHER		
13. IF TANK			PE OF ROOF OR CO	VER (OR NONE AT		DESCRIBE:	0THER 🔲	DESCRIBE	
14, VENT VA	LYE DATA: INC	DICATE TYPE,	NUMBER, SETTING	S AND VAPOR DIS	POSAL:				
None		NUMBÉR	PRESSURE SETTING	VACUUM SETTING	AV	SPHERE	DISCHARGING VAPOR CONTA		FLAME
	COMBENATION		SEITING	3611180		SPREAL	TAPON CONTA	-	FLATE
	PRESSURE		· -						
	VACUUM								·· ···
ł	OPEN			1					
		PORS, GASES	OR MIXTURES OF	SUCH MATERIALS	to B€	STORED IN	THIS TANK:	(00)	OA.P.1.
	TURES AT WHIC		LISTED MATERIAL		RED IN	THIS TANK	:	. 100,	*******
7. IF MATE	RIAL STORED	S A PETROLEL	M PRODUCT OR AN				URE — OF U., SUPPLY TH	E FOLLOW	ING INFORMATION
			TIONAL SHEETS, I					0-	
VAPOR	PRESSURE:	1.85.	REID (OR)	LAS. PER	59. 11	. ABSOLUT		PETROLEU	M PRODUCTS ONLY:
INITE	AL BOILING PO	INT:	0,				FLASH POTA		0 _F
18. OPERATI	ONAL DATA:				_				
	FILLING RATE			BARRELS PER HOU!					ORS PER HOUR
AVERA	GE OUTAGE: (A	VERAGE DISTA	MCE FROM TOP OF	TANK SHELL TO					!
AYEMA	GE THROUGHPUT	:		MARRELS PER DAY	,	(oe)		GALLO	MS PER DAY .
TANK	TURMOVERS PER	YEAR:	, SUPPLY THE FO	LLOWING INFORMA	TION:				<u> </u>
	OF SOLVENT: .					o:		_	
	NTRATION OF								
20. IF MATE	RIAL DISSOLVE	S A GAS OR A	% BY WEIGHT	(OR) HICH IS NOT A F	_ % ev	VOLUME	T, SUPPLY THE	FOLLOW	NG INFORMATION:
				THE MATERIAL:					
PHES	SURE AT WHICH	MATERIAL IS	STORED:	LOS, PER S	ig. IN.	GAGE AT -	o _F		

STORAGE TANK SUMMARY

1. BUSINES						OR GOVERNMENTA		WHICH APPLICATION
2. TANK LC	CATION:		EPORT, TE		OUNDIA	DOLLOW, THE	<u></u>	
3. TANK ID	ENTIFICATION	(NUMBER OR N	AME):	T-15	Slop O	il Tank		
4. TANK CA	PACITY:	150		BARRELS			GALLONS.	
5. TANK DI	MENSIONS: DIA	METER12	0"	HE I GHT	8 ' 0"	LENGTH	e10	rn
6, TANK SH	IAPE:	CYLIA	ORICAL X		SPHERICAL	O7#	ER SHAPE 🔲 DES	CR186
7. TANK MA	TERIALS OF CO	NSTRUCTION:	STEEL 🔀		■000		OTHER SPE	CIFY
8. TANK PA	INT:	CHALKING	WHITE .	LIGHT GR	EY XIKXIK	<u> </u>	CUMENUM DAR	K COLOR OR NO PAINT
9. TANK CO	NOTTION:	<u> </u>	6000 🔯		FAIR		Poor 🗀	
10. TANK S	TATUS:	NEW CONSTR	UCT10H 🔯		ALTERATION	<u> </u>		····
III. TYPE O	F TANK:	FLX	D ROOF 🔀		PRESSURE	- INTERNALL	r HEATED 🛄	UMDERGROUND 🔲
	ALL APPLICAD				OPEN TOP		HSULATED 🔲	OTHER -
12. IF TAN	K IS TO HAVE	A FLOATING R	OOF, SUPPLY	THE FOLLOW	VING INFOR	MATION:		
ł	TYPE OF	F ROOF: POUBL	E DECK 🗔		PONTOON		OTHER 🔲 DES	CRISE
	TYPE OF	F SEAL:	SINGLE 🔲		DOUBLE		OTHER 🔲 DES	CR 106
	TYPE OF	F SHELL FRUCTION: *	LIVETED 🗖		WELDED		OTHER DES	CRISE
13. IF TANK				COVER (G		ALL), DESCRIBE:		
<u> </u>	· · · · · · · · · · · · · · · · · · ·						····	
14. VENT V	ALVE DATA: IN	DICATE TYPE,	NUMBER, SET	TINGS AND	VAPOR DIST	05AL:		
ł		NUMBER	PRESSURE SETTING		TTING	ATMOSPHERE	DISCHARGING TO:	<u> </u>
j			36(1)40		,,,,,,	A1403+NEWE	TAPON CONTROL	FLAME
	COMBINATION			-				
	PRESSURE	<u> </u>					 	<u></u>
i	VACUUM	<u></u>		 				
	OPEN	<u> </u>	L			<u> </u>	<u> </u>	<u> </u>
		PORS, GASES	OR MIXTURES	OF SUCH M	MATERIALS T	O BE STORED IN	THIS TANK:	(on)o_A.P.1.
16. TEMPERA	rocarbons TURES AT WHIC	THE ABOVE	LISTED MATE	RIALS ARE	TO BE STOR	ED IN THIS TANK	(;	
MINIMU	M TEMPERATURE	of				AXIMUM TEMPERAT	υαε OFAπ	
ſ .						ORGANIC MATERIA	AL, SUPPLY THE F	OLLOWING INFORMATION
	CH MATERIAL:					SQ. IN. ABSOLUT	e . + 0e	
*****	PRESSURE:		KEID TOK		. 603. FEM	34. IN. 2830CU		ROLEUM PRODUCTS ONLY:
INITI	AL BOILING FO	INT:	.o.				FLASH POINT:	or
18. OPERATI								
•		£ :		BARRELS			/•	_ GALLONS PER HOUR
ľ								
ľ				OF TANK	SHELL TO L	IQUID SURFACE).		FT
AVERA		TE	NCE FROM TOP		SHELL TO L ; PER DAY			FT GALLÓMS PER DAY
AVERA AVERA Tank	GE OUTAGE: (# GE THROUGHPU1 TURNOVERS PER	VERAGE DISTA	2		PER DAY	(om)		FT GALLOHS PER DAY
AVERA AVERA TANK 19. IF MATE	GE OUTAGE: (4 GE THROUGHPUI TURNOVERS PER RIAL STORED I	YERRGE DISTA	2 SUPPLY THE	- MARRELS	FER DAY	(o#)		FT GALLOHS PER DAY
AVERA AVERA TANK 19. IF MATE NAME	GE OUTAGE: (A GE THROUGHPUI TURNOVERS PER RIAL STORED I OF SOLVENT:	YERRGE DISTA	2 SUPPLY THE	FOLLOWIN	FER DAY	(om)		FT GALLOMS PER DAY
AVERA AVERA TANK 19. IF MATE NAME CONC.	GE OUTAGE: (A GE THROUGHPUT TURNOVERS PER RIAL STORED TO OF SOLVENT: ENTRATION OF	YEAR: 5	2 , SUPPLY THE	FOLLOWING	S PER DAY G INFORMAT ATERIAL DES	(OR)		165 /GN10M
AVERA AVERA TANK 19. IF MATE NAME CONC.	GE OUTAGE: (A GE THROUGHPUT TURNOVERS PER RIAL STORED TO OF SOLVENT: ENTRATION OF	YEAR: 5	2 , SUPPLY THE	FOLLOWING	S PER DAY G INFORMAT ATERIAL DES	(OR)		GALLONS PER DAY
AVERA AVERA TANK 19. IF MATE NAME CONC.	GE OUTAGE: (A GE THROUGHPUT TURNOVERS PER RIAL STORED TO OF SOLVENT: ENTRATION OF	YEAR: 5	2 , SUPPLY THE	FOLLOWING HAME OF MA (DR.	G INFORMAT	(OR)		

STORAGE TANK SUMMARY

1. BUSINES			, ,			AL AGENCY UNDER W	HICH APPLICATION
2. TANK LO	CATION:	FREEPORT		CONSTRUCTI	ON. ENC.		
3, TANK ID	ENTIFICATION		AME).	-16 1000 B	BI. Wash Wa	ter Tank	
4. TANK CA	PACITY:	100		RELS		GALLONS	-
5. TANK DIN	MENSIONS: DIA	4ETER21	1611 HEI	gнт <u>1610¹¹</u>	LENGTH	 -	N
6, TANK SH	APE:	CYLIN	ORICAL 🕎	SPHERICA	071	HER SHAPE 🔲 DESC	R16€
7. TANK MA	TERIALS OF CO	NSTRUCTION:	STEEL 🖎	₩00	• 🗆	OTHER - SPEC	1FY
8. TANK PA	INT:	CHALKING	##1TE	GHT GREY THE THU	: 🔯	ALUMINUM DARK	COLOR OR NO PAINT
9. TANK CO	NDITION:		600 X	FAU	R 🗇	POOR 🔲	
10. TANK ST	'ATUS:	HEW CONSTR	UCT 10# 💟	AL TERATIO			
II. TYPE OF			0 ROOF	PRESSUR	_	LY HEATED	UNDERGROUND
	ALL APPLICABL		 	FOLLOWING INFO		INSULATED .	OTHER
		ROOF: DOUBL	·	PONTO		OTHER 🔲 DESC	R186
1	TYPE OF	SFAL :	SINGLE -	poull		OTHER 0650	
	-					OTHER DESC	
13. IE TANK		RUCTION: *		OVER FOR HONE AT			RIBE
					<u></u>	···	
14. VENT V	ULVE DATA: INC	CICATE TYPE,		GS AND VAPOR DIS	POSAL:	B	4.5
}	ļ	NUMBER	PRESSURE SETTING	VACUUM SETTING	ATMOSPHERE	VAPOR CONTROL	FLARE
ł	COMBINATION			-		Var da doninde	- Canz
	PRESSURE						
1	VACUUM						
1	OPEN	1			×	<u> </u>	
15. NAME AL		PORS, GASES	OR MIXTURES OF	SUCH MATERIALS		THIS TANK:	(OR)OA.P.1.
			LISTED MATERIA	LS ARE TO BE STO	OCO IN THIC TA	IK:	
MINIMUM 17 JE MATE	TEMPERATURE	OF	IM PRODUCT OR A	NY OTHER TYPE OF	MAXIMUM TEMPERA ORGANIC MATER	AL SUPPLY THE FO	OLLOWING INFORMATION
FOR EAC	H MATERIAL:	ATTACH ADDIT	TIONAL SHEETS,	IF NECESSARY).			
VAPOR	PRESSURE:	L05.	MEID (OR)	LOS. PCR	30. IH. ABSOLU		ROLEUM PRODUCTS ONLY:
18171	AL BOILING FO	INT:	o*			FLASH POINT:	
18. OPERATI		_					
				BARRELS PER HOU			GALLONS PER HOUR
AVERA	GE OUTAGE: (A	VERAGE DISTA	HCE FROM TOP OF	TANK SHELL TO	LIQUID SURFACE)	_8	'T
AVERA	GE THROUGHPUT	:	·	BARRELS PER DAY	(oa)		GALLONS PER DAY .
TANK	TURHOVERS PER	YEAR:					
				DLLOWING INFORMA			
,	OF SOLVENT: . Entration of		MAR	IE OF MATERIAL D	1330LYED:		
):	% BY WEIGHT	(on)	_ % SY YOLUME	(o#	LBS./GALLON ELUWING INFORMATION:
20. IF MATER	RIAL STORED 1	S A GAS OR A	LIQUIFIED GAS	WHICH IS NOT A	PETROLEUM PRODU	CT, SUPPLY THE FO	LLOWING INFORMATION:
				THE MATERIALS			_
I PRES	SURE AT WHICH	MATERIAL 15	1704E0:	<u> LOS, PER</u>	SG. IN. GAGE AT	or	

STORAGE TANK SUMMARY

		·										
١.		NESS LICENSE JBMITTED:	NAME OF CORPORA	ATION, COMPAN INGINEERIN	•				AGENCY UND	ER WHI	CH APPLICAT	ION
2.	TANK	LOCATION:	FREEPO	RT, TEXAS	5							
э.	TANK	IDENTIFICAT	ION (NUMBER OR I	NAME):	T-17	1000 BI	L Wash	Water	Tank			
4.	TANK	CAPACITY:	1000		BARRELS				GALLONS			
5.	TANK	DIMENSIONS:	DIAMETER 21'	6" ,	HEIGHT	16'0"	LENG	TH		WIDTH .		
6.	TANK	SHAPE:	CYL1	HORICAL 🖾		SPHERICAL		OTHER	SHAPE -	DE SCRI	•€	<u> </u>
7.	TANK	MATERIALS O	F CONSTRUCTION:	STEEL 💟		# q 00	<u> </u>		ОТНЕЯ	SPECIF	Υ	
8.	TANK	PAINT:	CHALKIN	G WHETE 🔲	LIGHT G	* 6 × X 0 6 X 94 X 8	(E Z	ALI	ZM THUM 🔲	DARK C	OLOR OF HO 1	PAINT (
9.	TANK	CONDITION:		600B		FAIR			P00# 🔲	<u>.</u>		·· · · · ·
		STATUS:		RUCT 0# 💟	. :	ALTERATION						
۱١.	TYPE	OF TANK:	FLX	ED ROOF .			HTE	RNALLY 1	HEATEO .		LOUDERGA	ROUNO 🖵
L			CABLE) FLOAT!			OPEN TO		j MSI	ULATED .			THER 🗀
₽2.	IF T		VE A FLOATING R	· —	THE FOLL							
		TYP	E OF ROOF: DOUB	LE DECX		PONTODA	· 🗖 .		OTHER 🛄	OESCRI	DE	
1			E OF SEAL:	SINGLE 🔲					OTHER 🔲	DESCRI	• =	
		146	E OF SHELL Onstruction:	RIVETED 🗔		WELDED			OTHER 🛄	DE SCRI	1¢	
13,	IF T	ANK IS TO HA	VE ANY OTHER TY	PE OF ROOF OF	COVER	OR NONE AT	ALL), DESC	CR19E:	-			
14.	VENT	VALVE DATA:	INDICATE TYPE,	NUMBER, SET	TINGS AN	D VAPOR DIS	POSAL:			 -		
			NUMBE R	PRESSURE		VACUUM		01	SCHARGING	το: (C	HECK!	
1			1,000	SETTING		SETTING	ATMOSPHE	ERE	VAPOR CONTI	NOL	FLARE	
		COMBINAT	тон								. , ,	
		PRESSURE										
ĺ		VACUUM										
		OPEN	1	<u> </u>			X					
i		Mater	, VAPORS, GASES				DENSITY:	<u> - X., 34</u>	IS TANK:		oa)	. Oa. #. 1.
16.		ERATURES AT	WHICH THE ABOVE	LISTED MATER	RIALS ARI	E TO BE STO					BIENT	
17	HIN	MUM TEMPERA	TUREOF IED IS A PETROLE	UM PRODUCT OF	R ANY OT	HER TYPE OF	ORGANIC M	MPERATUR	SUPPLY TH	Æ FOLI	OWING INFOR	MATION
J'''			L: (ATTACH ADDI				***************************************		,	,		
1	VA		L05.	REID (OR)		_ LBS. PER	5Q. IN. AC	SOLUTE_		_0r	<u> </u>	
Į		17141 BOLLIN	5 POINT:	0=				- 1	FLASH POL	-	LEUM PRODUC	TS ONLY:
18		ATIONAL DATA						<u>-</u>	7ERSN F011			
			RATE:		BARRE	LS PER HOUR	(on)	80	0	ه	ALLONS FER (Hous
l			: (AVERAGE DIST					FACE)	8			
			HPUT:								LLONS PER O	AY .
L			PER YEAR:						· · · · · ·			
19.			ED IS A SOLUTION	•								
l			1T:		NAME OF	MATERIAL DI	SSOLYED: _					
1		MCENTRATION LTERIAL DISSI		. % BY WEIGHT	to)	_ % 8Y YOL	.UME	(on		LBS./GALLON	
20.	IF M	TERIAL STORE	D IS A GAS OR A	LIQUIFIED G	AS WHICH	I IS NOT A P	ETROLEUM P	PRODUCT,	SUPPLY TH	E FOLL	OWING INFOR	MATION:
						MATERIAL: .				.		
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STORAGE TANK SUMMARY

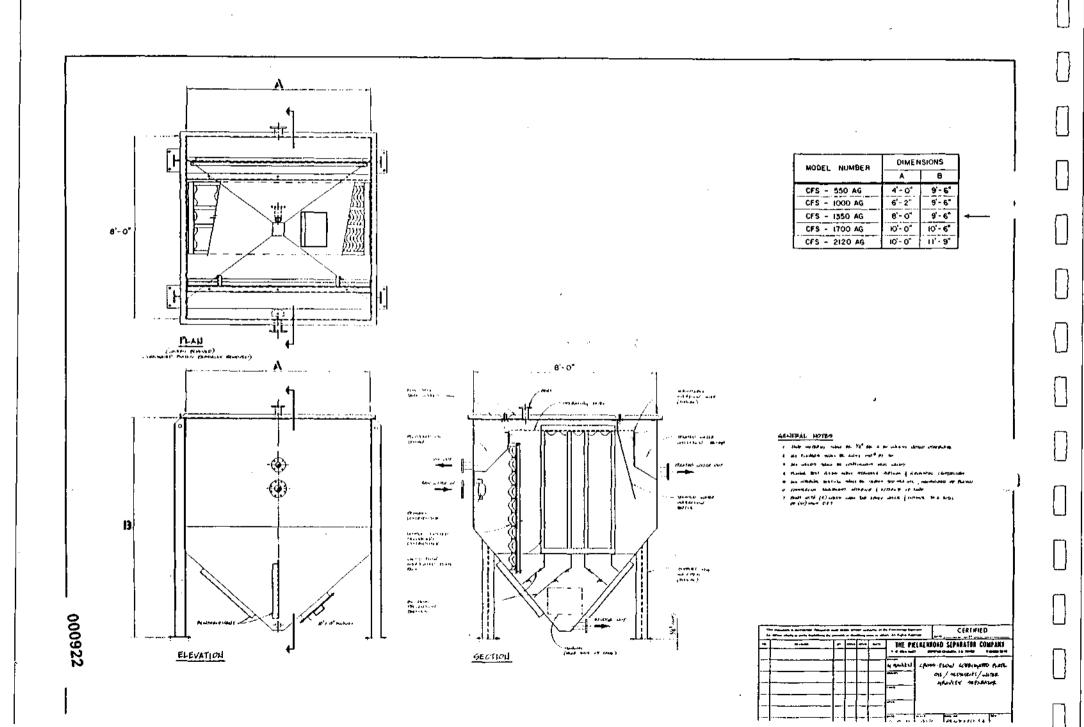
								
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			ENGINEE.	VIMP &	CONSTRO	CTION, INC.	*	
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STORAGE TANK SUMMARY

1. BUSINES		E OF CORPORA	TION, COMPAN	YY, INDIVIDUAL OWN	ER OR GOVERNME	NTAL AGENCY UNDER	WHICH APPLICATION
			FISH ENGI	INEERING & CO	<u>NSTRUCTION</u>	INC	
2. TANK LC	CATION:		FREEPORT,	TEXAS			
3, TANK 10	ENTIFICATION	(NUMBER OR N	IAME1:	Oil/Water S	eparator		
4. TANK CA	PACITY:			BARRELS38	40	GALLONS	•
5, TANK DE	MENSIONS: DIA	METER 9	6"	не і GHT 8 1 0 11	LENGTH	8'0"	TH
6. TANK SH	IAPE:	CYLIA	IDRICAL 🔲	SPHERIC	u 🗆	THER SHAPE XX DES	CRIBE RECTANGIO AR
7. TANK MA	TERIALS OF CO	MSTRUCTION:	STEEL 🎞	+0	<u> </u>	OTHER . SPE	C1FY
8. TANK PA	INT:	CHALKING	* #HETE 🔲	MEX YER THOLL	K 🖾	A LUMINUM . DAR	K COLOR OR NO PAINT
9. TANK CO	NDITION:	<u>. </u>	500 0 🌄	FA		POOR -	
TANK ST	TATUS:	NEW CONSTR	UCTION 🏋	ALTERATIO	»- 🗀		
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16. TEMPERA	TURES AT WHIC	SYOBA SHT HE	LISTED MATE	RIALS ARE TO BE ST	ORED IN THIS T	ANK:	
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				GARRELS PER HOL			_ GALLONS PER HOUR
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					ant level		
TANK	TURNOVÉRS PER	VEAR: Ta	nk opera	tes at const	THE TEACT	·	
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19. IF MATE	RIAL STORED I OF SOLVENT: .	S A SOLUTION	, SUPPLY THE	FOLLOWING INFORM HAME OF MATERIAL D	ATION:	· · · · · · · · · · · · · · · · · · ·	
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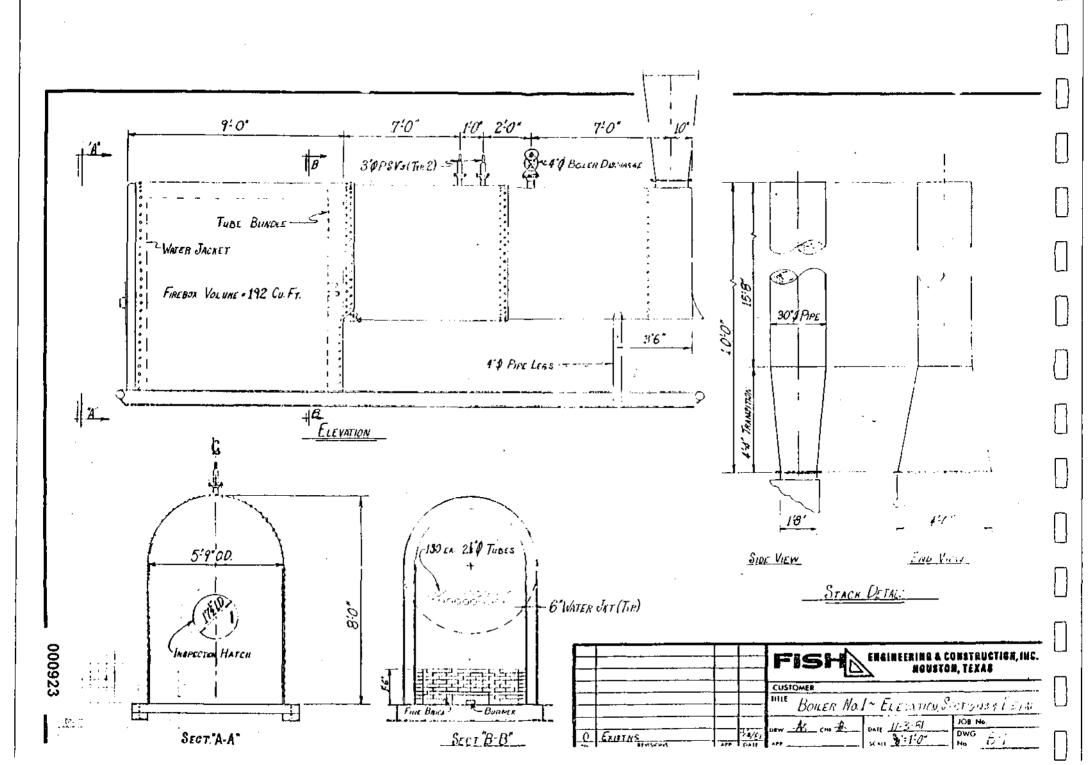
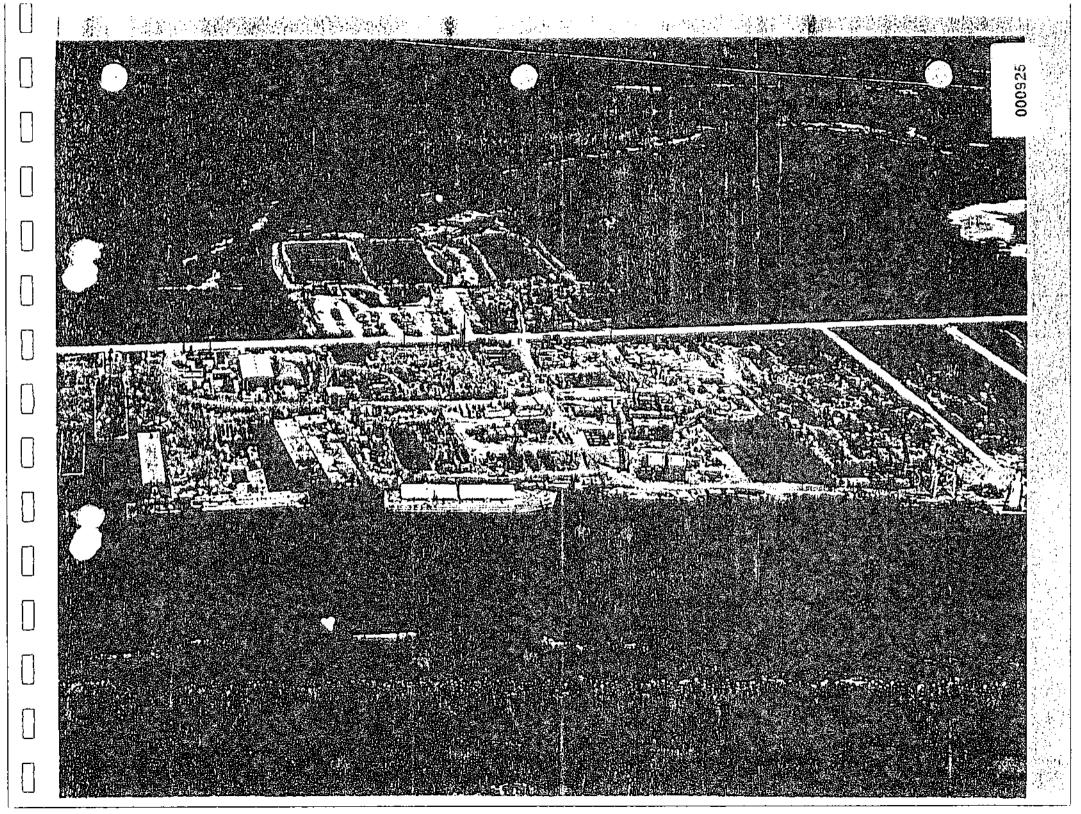


EXHIBIT II

INDEX

- 1. Topographical map (scale: 1:24,000 or approximately 2½ inches per mile) showing the isolated location of the Fish Freeport Marine Facility.
- 2. Photocopy of a photograph of the Marine Facility, depicting the Intracoastal Waterway in the foreground and Oyster Creek in the far distance.
- Fish Freeport Marine Facility Plot Plan Sketch.



JAN 11 1982

CONFERENCE SUMMARY TEXAS AIR CONTROL BOARD REGION 7

Date: 1/6/87 Time: 130 Location: 250
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Person Conducting Meeting: FISHENGR REHADD WHITE HEAD
Subject: BARGE REPAIR FACUTY - FREEFORT
- PREPERMIT
SUMMARY: SECOND PALAERMIT MITE ON FACILITY TO
BE ADDIED TO FISH CONSTRUCTION SITE NEAR FREEPOAT.
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Required Action: NONE - APPLICATION FORTHAMMET
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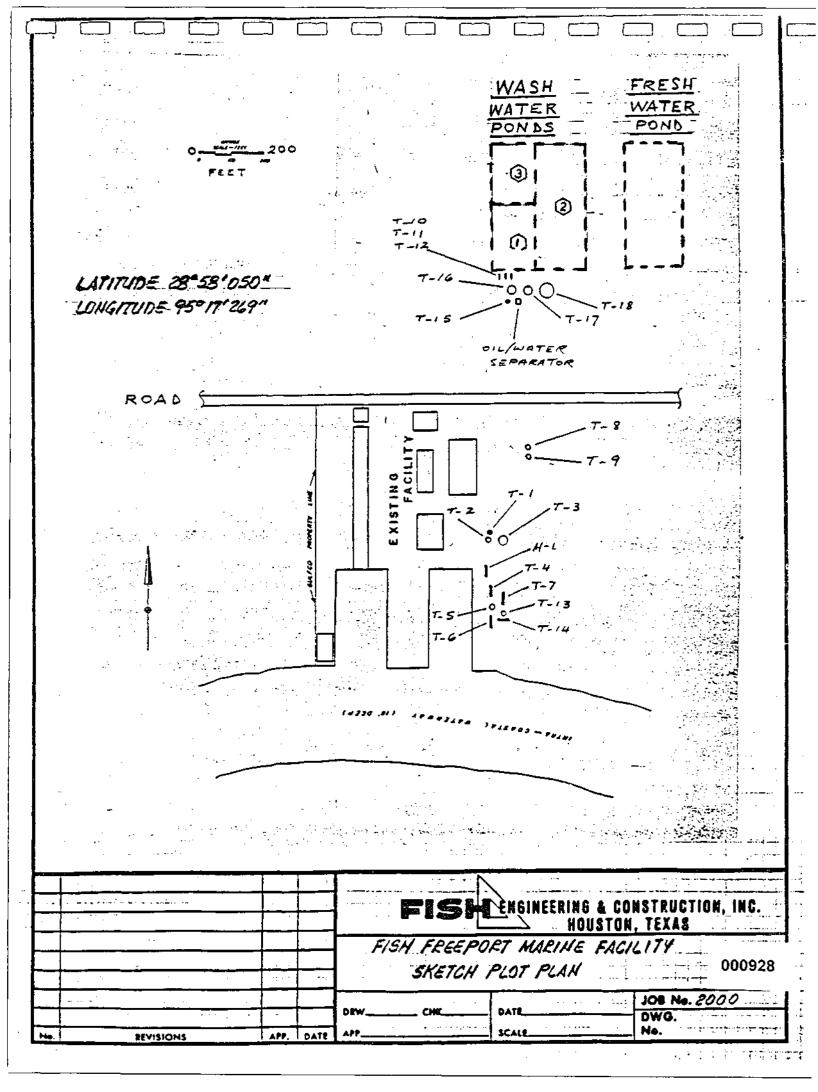
PROPIES TO: AZOLLAR WEM REGION 7

CONFERENCE SUMMARY

Date: 10 1 81 Time: 10400 Location: 12w 202	_
Person Conducting Meeting: SAM Crawnigh	-
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subject: Fish Engineering Proposed Proposed Curaning formity	_
FREEDERST BRIZONIA- COUNTY	_
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Summary: Fish ENGR. DISCUSSED WITH US 745 REDUILEMENT OF	_
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AND DECLIMENTS AS MEEDED FOR THEM TO COMPLETE AN AFPLICATION .	— — —
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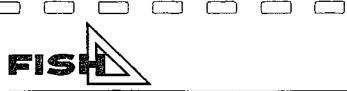
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FISH
ENGINEERING &
CONSTRUCTION, INC.
THREE POST OAK CENTRAL 1880 SOUTH POST OAK ROAD

RECEIVED

APR 19 1982

REGIUN 1 BOARD

April 14, 1982

TEXAS AIR CONTROL BOARD 6330 Highway 290 East Austin, Texas 78723

Attention: Mr. Bill Stewart, P.E.

Executive Director

Reference: FE

FE&CI Project 2000

Exemption from Construction Permit and Operating Permit

Freeport, Texas (Brazoria County)

Dear Sir:

In accordance with the Permit Exemption Procedures of the Texas Air Control Board, Fish Engineering & Construction, Inc. hereby applies for an exemption from the Construction Permit and the Operating Permit for its proposed new tanks and oil/water separator at its Freeport Marine Facility. In considering our request for an exemption we ask that you bear in mind the following facts and information.

- 1. The annual emissions from the overall plant site are estimated to be 17.4 tons per year, i.e. less than the 25 tons per year set as the upper limit for exemptions from Construction and Operating Permits. (See Exhibit I)
- The installation of the new tankage and oil/water separator enables the existing waste disposal ponds to be removed from service and so reduces total annual emissions from their present level.
- 3. The isolated location of the plant site reduces any effect on population that any emissions from the plant might have. (See Exhibit II)

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The information contained herein is hereby presented as a complimentary act, in good faith, and is, to the best of The Dow Chemical Company's knowledge and belief, accurate and reliable as of the date printed, but may well be incomplete. No representation, guarantee or warrants is made as to its eccuracy, reliability or completeness and, as Governmental regulations and use conditions may change, it is the user's responsibility to determine the ourrent appropriateness and suitability for specific and uses prior to the was the same of the second of

ISSION PUINT SUPPART TEXAS ATH CONTACT SCHOOL 6416 -6-14-57 PAGE ME: 19:46:00 PL0118V E INEERS: MANN, AMPA E. COUNT: SUED TO: HERCULES OFFSHORE URILLING COMPANY IT NAME: PARGE CLEANING FACILITY COUNTY: BRAZORIA REGION: 07 PERMIT: 13561 TY: FREEPORT ************* * EMISSION POINT INFORMATION: H-1 NAME: HEATER MZONE: 15 STMETERS: 276768 TEMP: 600 MFIGHT: 10 RTHMETERS:3206433 STACK TYPE: MARK: AMETER: 2.50 VFLOCITY: 21.40 MOISTURE: HOR DIS: NO ************** * FACILITY INFORMATION START STAPT SCHED . HD D WY NSPS NESHAP CONST OPER CILITY SCC 6-08-82 7-08-82 001 10500105 1.0 3 49 N C N O *************** * APATEMENT EQUIPMENT INFORMATION N O UNITS CODE DESCRIPTION ************** * CONTAMINANT INFORMATION CILITY: C1CC1 CONTAMINANT NAME: PART-U CODE: 10000 CHANGE DATE: 06-08-82 REASON FOR CHANGE: N 2.3129 L/H CHG INCR: 2.3129 L/H 0.1700 T/Y _1700 T/Y ACTUAL: 0_1700 T/Y CONTAMINANT NAME: NONMETHANE VOC-U CODE: 50001 CILITY: 01001 CHANGE DATE: 06-08-82 PEASON FOR CHANGE: N 1.2244 L/H CHG INCR: ALLOW: 1.2244 L/H 0-0900 T/Y .0900 T/Y 0-0900 T/Y ACTUAL: CILITY: 01001 CONTAMINANT NAME: NITROGEN OXIDES CODE: 70400 CHANGE DATE: 06-08-82 REASON FOR CHANGE: N 25.5782 L/H CHG INCR: 25.5782 L/H ALLOW: 1.8800 T/Y 1_880P T/Y ACTUAL: 1_8800 T/Y CILITY: 01001 CODE: 70500 CONTAMINANT NAME: SULFUR OXIDE-U CHANGE DATE: 06-08-82 REASON FOR CHANGE: N 167.4829 L/H CHG INCR: 167.4829 L/H ALLOW: 12_3100 T/Y 12_3100 T/Y 12_3100 T/Y ACTUAL: CILITY: 01001 CONTAMINANT NAME: CARBON MONOXIDE CODE: 90300 CHANGE DATE: 06-08-82 REASON FOR CHANGE: N ALLOW: 11.7006 L/H CHE INCR: 11.7006 L/H

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_8600 T/Y ACTUAL:

ME: 19:46:00 PAGE 3 CCOUNT: PLO118V EL 'NEERS:MANN, AMBA E. SSUED TO: HERCULES OFFSHORE DRILLING COMPANY JIT NAME: PARGE CLEANING FACILITY BRAZORIA REGION: OF PERMIT: 13561 FREEPORT COUNTY: * EMISSION POINT INFORMATION: AREA-1 PARGE CLEANING FACILITY MZONE: 15 NAME: TEMP: STMETERS: 276768 30 HEIGHT: RTHMETERS:3206433 TYPE: FUGITIVE MARKE WIDTH: 1200 1700 DEGREES E OFNORTH NGTH: ** FACILITY INFORMATION SCHED START START HD D WY NSPS NESHAP CONST OPER CILITY 200 002 40600259 24.0 7 52 Νņ N O 6-08-82 7-08-82 ************* * ABATEMENT EQUIPMENT INFORMATION N O UNITS CODE DESCRIPTION ************ * CONTAMINANT INFORMATION 4CILITY: 01002 CONTAMINANT NAME: NONMETHANE VOC+U CODE: 50001 CHANGE DATE: 06-08-82 REASON FOR CHANGE: N 0.4771 L/H CHE INCR: .4771 L/H

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2.0900 T/Y

2.0900 T/Y

JUN 8 1982

Mr. G. J. Gill
Senior Vice President
FISH ENGINEERING AND CONSTRUCTION,
INCORPORATED
Post Office Box 22535
Houston, Texas 77027

Re: Permit Exemption X-3561
Barge Cleaning Facility
Freeport, Brazoria County

Dear Mr. Gill:

This is in response to your letter dated April 14, 1982, concerning the proposed construction of a barge cleaning facility. We understand that total emissions of volatile organic compounds will not exceed 17.4 tons per year.

Pursuant to Section 3.27(a) of the Texas Clean Air Act, I have determined to exempt your proposed facility from the permit procedures of this Agency because it will not make a significant contribution of air contaminants to the atmosphere if constructed and operated as described in your letter. You are reminded that regardless of whether a construction permit is required, this facility must be in compliance with all Rules and Regulations of the Texas Air Control Board at all times.

The issuance of this exemption is contingent upon the following conditions:

- 1. Mitrogen oxide emissions from Heater H-1 shall not exceed 0.16 lbs. $NO_{\rm X}/10^6$ Btu heat input.
- The firing duration of Heater H-1 shall not exceed 147 hours per year.

3. A record shall be maintained to include the firing duration of Heater H-1, the number and capacity of barges cleaned and the type of material each barge contained. This record shall be made available to representatives of the Board upon request.

Thank you for providing the information necessary for our evaluation of your proposal. If you have further questions concerning this exemption, please contact Mr. Amba Mann of our Permits Division.

Sincerely,

Chibral SIGNED BY ELI SELL Bill Stewart, P.E. Executive Director

cc: Mr. Sabino Gomez, M.P.H., Regional Supervisor, Bellaire Dr. G. B. Brown, Jr., Acting Director, Brazoria County Health Department, Angleton bcc MANN/caw, board, file, Compliance (FISH ENG X3561 #5)

FEB 14 1994

tr. William Court President MERCULES OFFSHOME DRILLING COMPANY 11381 Mercoucles Lanc Houston, Texas 77082

Rx. Change of Observatio

Permit No. X-13561

Barge Cleaning

Freebort, Brazoria County
Account 10 No. RL-5115-V

Dear tir. Comard:

We eppreciate using informer that imposites writhons untiling up pay is the non-monor of the referenced facility which was providually send by fire formering and Construction, Importanted. Our files have send utually to iddicate that the change of numerationess occurred.

We understand that there will be no change in the type of pollutents a literal and ou tecrease in the openfity of this fines. You are re-incompant the facility must be in compilence with all Hules and Regulations of the Forest Arm Control Court and the requirements of this permit as motion at all times.

Thank you for this information and for your commissent to socily. Your supportation and interest is air pullution control are aspectated.

ELITE Shide an

taurence E. Peutet, W.E. Pirector, Permits Sivision

oc: Sr. Herbert 4. Williams, Gr., Segional Sirector, Houston Len D. O'Egnuer, N.D., Director, Brazoria County Realth Department, Angleton

Mr. Ter Rampolph, Fish Engineering and Construction, Incorporated, Measton

bcc: CLB/sm, board, file (hercules.sm)

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Strength through experience, equipment, know-how 11381 Meadowglen Lane 🗆 Houston, Texas 77082 (713) 497-7934

RECEIVED

January 25, 1989

JAN 27 1989

ENFORCEMENT PROCEAM

Texas Air Control Board 6330 Hwy 290 East Austin, Texas 78723

Attention: Bill Stewart, P.E.

Executive Director

Subject:

Permit Exemption X-3561 Barge Cleaning Facility Freeport, Brazoria County

Dear Mr. Stewart:

As of January 20, 1989, Hercules Offshore Drilling Company acquired Fish Engineering & Construction, Inc. Marine Yard in Freeport, Texas.

We hereby request transfer of this registration to Hercules Offshore Drilling Company and agree to the existing terms and conditions of this registration.

Respectfully,

William Coward

President

WC/se

ce: Mr. Hunt

5555 West Loop, Suite 300 Bellaire, Texas 77401



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January 25, 1989

Texas Air Control Board 6330 Hwy 290 East Austin, Texas 78723

Attention: Bill Stewart, P.E.

Executive Director

Subject:

Permit Exemption X-3561 Barge Cleaning Facility Freeport, Brazoria County

Dear Sir:

Please be advised that effective January 20, 1989, Fish Engineering & Construction, Inc. sold the Fish Marine Yard to Hercules Offshore Drilling Company, 11381 Meadowglen Lane, Houston, Texas 77082. The mailing address, telephone number and type of business will remain the same.

We hereby request transfer of this registration to Hercules Offshore Drilling Company. Please adjust your records accordingly, and if additional information is desired, please contact the undersigned at the address indicated above.

Sincerely,

Tom Randolph

Marine Manager

TR/se

cc: Mr. Hunt

5555 West Loop, Suite 300 Bellaire, Texas 77401

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PERMIT APPLICATION SUMMARY
                                  TEXAS AIR CONTROL BUARD
                                                                 DATE 10/05/82
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                                                       GROUP: CHEM ID: BL-0113-V
*PERMIT: X3561
                 ENGR:MA.
ISSUED TO: FISH ENGINEERING & CONSTRUCTION, INC.
PERSON: G. J. GILL
                                         TITLE: SENIOR VICE PRESIDENT
                                         ADDR 2:
 1:PO BOX 22535
                         STATE: IX
                                      MAIL ZIP: 77027
                                                       TELEPHONE: (713) 621-3300
   TY:HOUSTON
 COMPANY BUSINESS: BARGE CLEANING FACILITY
                                                  NEAREST CITY: FREEPORT
LOCATION:
                       REGION: 07 LAT: 28-58-05 LONG: 095-17-26 SITE ZIP:
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*PERMIT UNIT NAME: 34RGE CLEANING FACILITY
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NITROGEN OXIDES	79400	1.38	T/Y	T/Y	. 1/	Y
SULFUR OXIDE-U	70500	12.31	T/Y	T/Y	17	Υ
CARBON MONOXIDE	90300	0.86	I/Y	T/Y	17	Y
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^{**}ABATÉMENT EQUIPMENT: SUM OF EQUIPMENT FOR ALL POINTS IN THIS PERMIT

QUAN CODE ABATEMENT DESCRIPTION

NO ABATEMENT INFORMATION ***

CHADS LIGHTING THAT CAND INTO THE SUMPORT OF STATES UA(E 10/06/82 1 EPORT PAGE ACCOUNT: BL-0118-V ENGINEERS: MANN, A E ISSUED TO: FISH ENGINEERING & CONSTRUCTION, INC. PERMIT UNIT NAME: BARGE CLEANING FACILITY REGION: 07 "ITY: FREEPORT COUNTY: BRAZORIA * PERMIT: X3561 POINT: 1 EMIS NO:H-1 EMIS NAME: HEATER METERS N: 3206433 METERS NSPS: NESHAPS: UTM ZONE: 15 E: 276768 ATTAINMENT STATUS TSP: NOX: S02: 00: 03: PSD STATUS: IC START CONSTRUCTION: 06-08-82 START OPERATION: 07-08-82 ACTION REQUIRED: N ACTION COMPLETED: COMPLETED . 3Y: REMARK: FIRING OF HEATER H-1 LIMITED TO 147 HOURS PER YEAR BY EXEMPTION. PHYSICAL HT: 10 ELEVATION: (MSL) NC. IDENT UNITS: 1 ≈ TYPE OF EMISSION POINT: (ALL ENGLISH UNITS -- FEET, DEG F, CTU, ETC.) DIAMETER: 2.50 VELOCITY: 21.40 TEMPERATURE: 600 STACK: * MOIST: HCRIZ DISCH: GEP HT: 10 * PROCESS INFORMATION AND CONTAMINANT DATA SCHED CONTAM CONTAMINANT PERMIT MAX ACTUAL PREVIOUS UΕ SCC CODE HD D WY CODE NAME ALLOW RATE RATE RATE _J500105 01 3 49 10000 PART-U 0.17(3) () () () () 50001 VBC-U 0.09(3)

*ABATEMENT EQUIPMENT INFORMATION

PROCESS NO QUAN CODE ABATEMENT DESCRIPTION COST #EFF #REL

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12.31(3)

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70400 NITROGEN OXIDES

70500 SULFUR DXIDE-U

90300 CARBON MONOXIDE

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JATE 10/06/82 ACS EMISSION POLAT CHÂUE JUNIKUJ SIK CAXDI EPORT PAGE ACCOUNT: BL-0118-V ENGINEERS: MANN, A E ISSUED TO: FISH ENGINEERING & CONSTRUCTION, INC. PERMIT UNIT NAME: BARGE CLEANING FACILITY CITY: FREEPORT REGION: 07 COUNTY: BRAZORIA * PERMIT: X3561 POINT: 2 EMIS NO:AREA-1 EMIS NAME: BARGE CLEANING FACILITY N: 3206433 METERS NSPS: UTM ZONE: 15 E: 276768 METERS **NESHAPS:** ATTAINMENT STATUS ISP: NOX: :33 S02: 03: PSD STATUS: IC START OPERATION: 07-08-82 START CONSTRUCTION: 06-08-82 ACTION REQUIRED: N ACTION COMPLETED: COMPLETED BY: REMARK:HEIGHT ESTIMATED, START DATES ESTIMATED. . NO. IDENT UNITS: 1 PHYSICAL HT: 30 ELEVATION: (MSL) * TYPE OF EMISSION POINT: (ALL ENGLISH UNITS -- FEET, DEG F, STU, ETC.) AREA SOURCES: LENGTH: 1700 WIDTH: 1200 LONG AXIS: OO DEGREES E OF NORTH * PROCESS INFORMATION AND CONTAMINANT DATA SCESS SCHED CONTAM CONTAMINANT PERMIT MAX ACTUAL. PREVIOUS UF SCC CODE HO D WY CODE NAME ALLOW RATE RATE RATE 40600259 24 7 52 50001 VOC-U 2.09(3) () () () () () *ABATEMENT EQUIPMENT INFORMATION PROCESS NO QUAN CODE ABATEMENT DESCRIPTION COST MEFF MREL

		ENGINEER: _								
	EMISSION POINT DATA	ACCOUNT # : _	?							
PERMIT X 3561 CDS EMISSION (1)	EMISSION POINT NAME:	ACCOUNT # .								
	N/LONG 0551727 MET		ACTION CODES:							
	N/LONG 095511712171MET	ERS NSPS:L NESHAPS: L	N = NO ACTION REQ. S = STACK SAMPLING REQ.							
ATTAINMENT STATUS: (A, N, or U) TSP NO _x SO ₂ CO	O3 PSD STATUS B	L or IC	A = AMBIENT SAMPLING REQ. P = PROPERTY LINE SAMPLING							
START CONSTRUCTION: 06-08-82 START O	PERATION: 07-08-82	ACTION REQUIRED:	C = BOTH STACK AND PROPERTY LINE O = OTHER							
ACTION COMPLETED: COMPLETED (A, T, or C)	REMARKS: FIRE	16 01- 115476	12 H-1 (INT TED							
ACTION COMPLETED.	newanky.									
[10] 1141 7 1400 RIS 1021 1/542 B	1/ 1-18/EMPITION.		Ü							
PHYSICAL HEIGHT: 10. FT. ELEVATION: (MSL) FT. HOW MANY (SPECIAL CODE) 91,92,93 only										
TYPE OF EMISSION POINT: (ALL ENGLISH UNITS - FEET, I	DEG F, BTU, ETC.)	See JEP 6/16/8	2 memo							
STACK: DIAMETER: 2.50 VELOCITY: 21.	10 TEMPERATURE: 600.	_F % MOIST: HO	RIZ DISCH: GEP HT:							
FLARE: LHV: BTU/SCF MSCFM:	MOL WT:									
AREA SOURCES: LENGTH: WIDTH:	LONG AXIS:	DEGREES (E or W) OF NO	RTH (
***ABATEMENT EQUIPMENT: PROCESS NO:	QUANTITY: CODE:	COST (M\$)	%EFF WREL W							
PROCESS NO:	QUANTITY: CODE:	COST (M\$)	WEFF WREL							
PROCESS NO:	QUANTITY: CODE:	COST (M\$)	%EFF WREL							
PROCESS NO.	de donition.									
*** PROCESS INFORMATION AND POLLUTANT DATA (SUM OF	EMISSIONS FROM DESIGNATED EMI		_							
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NO SCC CODE HD D WY CODE	ALLOW RATE U M	RATE U I	RATE U							
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EMISSION POINT DATA ENGINEER:	
PERMIT X 356/ CUS EMISSION AREA-/ EMISSION POINT NAME DAGE CLEANENG FACELERY	
UTM ZONE/LL LL E/LAT 2858 05 METERS N/LONG 0951727 METERS NSPS: NESHAPS: N = NO ACTION REQ. ATTAINMENT STATUS: (A, N, or U) TSP NO _X SO ₂ CO O ₃ PSD STATUS BL or IC A * AMBIENT SAMPLING REQ. P = PROPERTY LINE SAMPLING	
START CONSTRUCTION: 06-08-82 START OPERATION: 07-08-82 ACTION REQUIRED: 0 - OTHER C = BOTH STACK AND PROPERTY LINE O - OTHER COMPLETED BY: (A, T, oi C) REMARKS: ####################################]
FS7IMATED. MEWARKS FED TO THE STATE OF THE S	
PHYSICAL HEIGHT: 122. FT. ELEVATION: (MSL) FT.	
*** TYPE OF EMISSION POINT: (ALL ENGLISH UNITS FEET, DEG F, BTU, ETC.)	
STACK: DIAMETER: VELOCITY: TEMPERATURE: F % MOIST: HORIZ DISCH: GEP HT:	
FLARE: LHV: BTU/SCF MSCFM: MÓL WT:	
***ABATEMENT EQUIPMENT: PROCESS NO:	
PROCESS NO: QU.\NTITY: CODE: COST (M\$) %EFF %REL	[]
PROCESS NO: QUANTITY: CODE: COST (M\$) %EFF %REL %	U
PROCESS INFORMATION AND POLLUTANT DATA (SUM OF EMISSIONS FROM DESIGNATED EMISSION POINT) PROCESS SCHEDULE POLL PERMIT MAX ACTUAL PREVIOUS UF	<u>.</u> .
NO SCC CODE HD D WY CODE ALLOW RATE RATE RATE	
01 40600259 24 7 52 50001 2.09 3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	

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∗PERMII: x3561 ENGR:MANN A E
                                                         GROUP: CHEM ID: QX-3561-
ISSUED TO: FISH ENGINEERING & CONSTRUCTION, INC.
PERSON: G. J. GILL
                                          TITLE: SENICR VICE PRESIDENT
ADDR 1:PO BOX 22535
                                          *S RCCK
CITY: HOUSTON
                                       MAIL ZIP:77027 | TELEPHONE:(713) 621-8300
                          STATE: IX
COMPANY BUSINESS:
LCCATION:
                                                _·· NEAREST CITY:FREEPORT
                        REGION: 07 LAT: 28-58-45 LONG: 495-17-26,9" SITE ZIP:
COUNTY: BRAZORIA
PERMIT UNIT NAME: BARGE CLEANING FACILITY
UNIT ID NUMBER:
                                        PERMANENT:X
                                                       PORTABLE:
GENERAL OPERATING SCHEDULE: HR/DAY:24 DAY/WK:7
                                                      aK/YR:52
CLASSIFICATION: NEW FACILITY:X NEW PERMIT: MCDIFIED:
                                                          CHG LEC:
                                                                       CHG CWN:
*PERMIT EXEMPTION RECO: 04-19-62 SUPP INFO REG: -
                                                          RECO: -
REGION SENT: - -
                     RECO: - -
                                       NSPS:
                                                NESHAPS:
 ISPOSITION OF EXEMPT: (1,0) (L) 06 -08-84 CONST START DATE: (2,4)( )
PRO TYPE: BARGE CLEANING
PRO SIZE:
SIC: 4443
300: -
*VOID PERMIT RECORD: - -
                             ( ) HOLD PERMIT PENDING UNTIL:
-void/hold codes: cr-company request fi-time expired co-data delay
                    TO-TECHNICAL DIFFICULTIES RE-REISSUED NR-NO RESPONSE
REMARKS: DATE DUE 05-19-82
*SPECIAL DATE:
                         MESSAGE:
SPECIAL DATE:
                         MESSAGE:
                                                                      MAJOR
*AIR CONTAMINANT DATA: SUM OF RATES FOR ALL POINTS IN THIS PERMIT
                                                                      SOURCE
                                                                              :()
                                                                    PREV RATE
       NAME
                      CODE
                           MAX ALL RATE
                                               ACTUAL RATE
                                          I/Y
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                                                            I/Y
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*ABATEMENT EQUIPMENT: SUM OF EQUIPMENT FOR ALL POINTS IN THIS PERMIT QUAN CODE ABATEMENT DESCRIPTION

* NO ABATEMENT INFORMATION ***

COMMENTS

REGION - NO OBJECTIONS (J. FORSE)

LOCAL - NO LOCAL AGENCY

AGE

COMP. - NO OBJECTIONS (R. TAMMIS)

LEGAL - NO LEGAL ACTION PENDING (P. SHINKAWA)

PEC. PROV.

TECH REVIEW THIS IS A BARGE CLEANING FACILITY LOCATED IN AN ISOLATED AMEN IN BRANCHAM COUNTY NEW FREEDOT, THE INSTALLATION OF NEW TANKAGE AND OIL JUNITER SOPRATION WILL ALLOW THE REMOVER OF EXISTING WASTE DISPOSAL JONES, TO THE VOC.

EMISSIONS WILL NOT EXCEED 17.4 T/YR. THIS IS A MODIFICATION OF AN EXISTING FACILITY. HEATER H-1 STALL BE FIRED NO MORE THAN 147 HAS IYA TO LIMIT NOX EMISSIONS TO < 1.9 T/VR.

NOX BACT OF 0.16 H/10 BTW HAS BEEN MEE FOR H-1 (DIESEL FUEL). OIL/WATER SEPARATOR IS COVERED. SO, EMISSIONS ALE <12.17/YR.

EMISSIONS AND INSIGNIFICANT.

Landa Mann 6/7/82



ENGINEERING & CONSTRUCTION, INC. THREE POST OAK CENTRAL 1990 SOUTH POST OAK ROAD x-155 x-155

Sharen/Bert The ELEANING FACILITY

April 14, 1982

TEXAS AIR CONTROL BOARD 6330 Highway 290 East Austin, Texas 78723

Attention: Mr. Bill Stewart, P.E.

Executive Director

Reference: FE&CI Project 2000

Exemption from Construction Permit and Operating Permit

Freeport, Texas (Brazoria County)

Dear Sir:

In accordance with the Permit Exemption Procedures of the Texas Air Control Board, Fish Engineering & Construction, Inc. hereby applies for an exemption from the Construction Permit and the Operating Permit for its proposed new tanks and oil/water separator at its Freeport Marine Facility. In considering our request for an exemption we ask that you bear in mind the following facts and information.

- 1. The annual emissions from the overall plant site are estimated to be 17.4 tons per year, i.e. less than the 25 tons per year set as the upper limit for exemptions from Construction and Operating Permits. (See Exhibit I)
- The installation of the new tankage and oil/water separator enables the existing waste disposal ponds to be removed from service and so reduces total annual emissions from their present level.
- 3. The isolated location of the plant site reduces any effect on population that any emissions from the plant might have. (See Exhibit II)

Texas Air Control Board Mr. Bill Stewart April 14, 1982 Page 2

If you have any questions or require any additional information please do not hesitate to contact our Dr. Richard T. Whitehead at this office.

Very truly yours,

FISH ENGINEERING & CONSTRUCTION, INC.

G. J. Gill

Senior Vice President

cc: Dr. G. B. Brown, Jr.
Acting Director
Brazoria County Health Department
Old Court House Building
Angleton, Texas 77515

Mr. Sabind Gomez, M.P.H. Supervisor Texas Air Control Board 5555 West Loop, Suite 300 Bellaire, Texas 77401 **EMISSION SOURCES**

Review of applications and issuance of permits will be expedited by supplying all necessary information requested on this Table.

	AIR CONTAMINANT DATA						EMISSION POINT DISCHARGE PARAMETERS								
	EMISSION POINT CHEMICAL COMPOSITION (1) OF TOTAL STREAM		AIR CONTAMINANT EMISSION RATE		UTM COORDINATES OF EMISSION PT. [6]		STACK S		SOURCES (7) EXIT DATA			AREA Sources (8)			
NUMBER	NAME	COMPONENT OR AIR CONTAMINANT NAME [2]	CONC.(%v)	# /HR [4]	TONS/YR	ZONE	EAST (meters)	NORTH (meters)	ABOVE GROUND (ft)	ABOVE	DIA. (ft)	VEL. (fps)	TEMP. (°F)	LENGTH (ft)	WIDTH (ft)
T-1	Tank	Diesel Oil		0.002	0.001										
T-2	Tank	Diesel Oil		0.004	0.002										
т-3	Tank	Water													
T-4	Tank	Water		-							i '	<u></u>		<u> </u>	
T- 5	Tank	Water		_											
T-6	Tank	Wash Water		0.117	0.089										·
T-7	Tank	Hydrocarbons		0.815	0.617					-					
T-8	Tank	Gasoline		0.190	0.144		<u>}</u> :- :-)			L				
T-9	Tank	Casoline		0.265	0.200		<u> </u>								
T-10	Tank	Chemicals Hydrocarbons		0.058	0.044		1200	74							
T-11	Tank	Chemicals Hydrocarbons		0.060	0.046			,							

GROUND ELEVATION OF FACILITY ABOVE MEAN SEA LEVEL . 10	feet
TACB STANDARD CONDITIONS ARE 68° F AND 14.7 PSIA [RULE 131.01.00.001 (55)	ī

General Instructions:

- 1. Identify each emission point with a unique number for this plant site, consistent with emission point identification used on plot plan, previous permits and Emissions Inventory Questionnaire. Limit emission point number to 8 character spaces. For each emission point use as many lines as necessary to list air contaminant data. Typical emission point names are: heater, vent, boiler, tank, reactor, separator, baghouse, fugitive, etc. Abbreviations are OK.
- 2. Typical component names are: air, H₂O, nitrogen, oxygen, CO₂, CO, NO₂, SO₂, hexane, particulate matter (PM), etc. Abbreviations are OK.
- 3. Concentration data is required for all gaseous components. Show concentration in volume percent of total gas stream.
- 4. Pounds per hour (#/HR) is maximum emission rate expected by applicant.
- 5. Tons per year (T/Y) is annual maximum emission rate expected by applicant, which takes into account process operating schedule.
- 6. As a minimum applicant must furnish a facility plot plan drawn to scale showing a plant benchmark, latitude and longitude correct to the nearest second for the benchmark, and all emission points dimensioned with respect to the benchmark as required by General Application, Form Pl-1. This information is essential for calculation of emission point UTM coordinates. Please show emission point UTM coordinates if known.
- 7. Supply additional information as follows if appropriate:
 - Stack exit configuration other than a round vertical stack. Show length and width for a rectangular stack. Indicate if horizontal discharge with a note.
 - Stack's height above supporting or adjacent structures if structure is within 3 "stack heights above ground" of stack. If emission point is a flare, show flare data on Table 8.
- 8. Normally used for fugitive sources. Show dimensions of a minimum size rectangle which will "enclose" all fugitive sources included in this emission point number.

Review of applications and issuance of permits will be expedited by supplying all necessary information requested on this Table.

	AIR CONTAMINANT DATA							EMIS	SSION PO	INT DISC	HARGE	PARAME	TERS			
	EMISSION POINT CHEMICAL COMPOSITION (1) OF TOTAL STREAM			AIR CONTAMINANT EMISSION RATE			UTM COORDINATES OF EMISSION PT. [6]		STACK STACK		SOURCES (7) EXIT DATA			AREA SOURCES [8]		
NUMBER	NAME	COMPONENT OR AIR CONTAMINANT NAME [2]	CONC.(%v)	#/HR [4]	TONS/YR	ZONE	EAST (meters)	NORTH (meters)	ABOVE GROUND (ft)	ABOVE		VEL. (fps)	TEMP.	LENGTH (ft)	WIDTH (ft)	_
T-12	Tank	Chemicals Hydrocarbons		0.060	0.045											-[_] -
T-13	Tank	Water									<u> </u>					
T-14	Tank	Water		_	_							! 				-
T-15	Tank	Hydrocarbons		0.641	0.485				<u> </u>				<u> </u>			
T-16	Tank	Water			-] 		ļ 		_
T-17	Tank	Water		_	_		·		<u> </u>				<u> </u>			
T-18	Tank	Water		-					<u> </u>							
E1	Truck Load	Chemicals Hydrocarbons		32.000	0.073			. 1								
E-2	Truck Load	Gasoline		32.000	0.018			70			:					_(_)
E-3	Truck Load	Hydrocarbons		32.000	0,050			Soft Sec								_ _[]
E-4	Truck Load	Hydrocarbons		32.000	0.275			₹3					<u> </u>			

GROUND ELEVATION OF FACILITY ABOVE MEAN SEA LEVEL - 10 fee TACB STANDARD CONDITIONS ARE 68° F AND 14.7 PSIA [RULE 131,01.00,001(55)]

General Instructions:

- 1. Identify each emission point with a unique number for this plant site, consistent with emission point identification used on plot plan, previous permits and Emissions Inventory Questionnaire. Limit emission point number to 8 character spaces. For each emission point use as many lines as necessary to list air contaminant data. Typical emission point names are: heater, vent, boiler, tank, reactor, separator, baghouse, fugitive, etc. Abbreviations are OK.
- 2. Typical component names are: air, H2O, nitrogen, oxygen, CO2, CO, NO_x, SO2, hexane, particulate matter (PM), etc. Abbreviations are OK.
- 3. Concentration data is required for all gaseous components. Show concentration in volume percent of total gas stream.
- 4. Pounds per hour (# /HR) is maximum emission rate expected by applicant.
- 5. Tons per year (T/Y) is annual maximum emission rate expected by applicant, which takes into account process operating schedule.
- 6. As a minimum applicant must furnish a facility plot plan drawn to scale showing a plant benchmark, latitude and longitude correct to the nearest second for the benchmark, and all emission points dimensioned with respect to the benchmark as required by General Application, Form Pl-I. This information is essential for calculation of emission point UTM coordinates. Please show emission point UTM coordinates if known.
- 7. Supply additional information as follows if appropriate:
 - (a) Stack exit configuration other than a round vertical stack. Show length and width for a rectangular stack. Indicate if horizontal discharge with a note.
 - (b) Stack's height above supporting or adjacent structures if structure is within 3 "stack heights above ground" of stack.
 - (c) If emission point is a flare, show flare data on Table 8.
- 8. Normally used for fugitive sources. Show dimensions of a minimum size rectangle which will "enclose" all fugitive sources included in this emission point number.

Review of applications and issuance of permits will be expedited by supplying all necessary information requested on this Table.

	AIR CONTAMINA	NT DATA					EMIS	SSION PO	INT DISC	HARGE	PARAME	TERS]_
ON POINT	CHEMICAL COMPOSITION AIR CONTAMINANT OF TOTAL STREAM EMISSION RATE			U O	UTM COORDINATES OF EMISSION PT. [6]							ARE/ SOURC	AREA SOURCES (8)		
NAME	COMPONENT OR AIR CONTAMINANT NAME [2]	CONC.(%v)	# /HR {4}	TONS/YR	ZONE	EAST (meters)	NORTH (meters)	ABOVE	ABQVE		VEL. (fps)	TEMP.	LENGTH (ft)	WIDTH (ft)	<u> </u>
Water Heater	Particulates		2.33	0.171											
	S02		165.10	12.135										<u> </u>	
	503		2.33	0.171	ļ			ļ <u>-</u>			···-		 		$\frac{1}{2}$
	CO		11.63	0.855	<u> </u>								 		
	Hydrocarbons		1.16	0.085		<u> </u>		<u> </u>				<u> </u>			4
	NO2		25.58	1.88			···-		·	7					-[_
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		[·		1791		·		4
<u> </u>		<u> </u>	· · · · · · · · · · · · · · · · · · ·							27			-		1
							<u> </u>	 							
	NAME Water	N POINT II NAME COMPONENT OR AIR CONTAMINANT NAME [2] Water Heater Particulates SO2 SO3 CO Hydrocarbons	NAME COMPONENT OR AIR CONC.(%v) [2] Water Heater Particulates SO2 SO3 CO Hydrocarbons	N POINT CHEMICAL COMPOSITION OF TOTAL STREAM EMISSION EM	N POINT CHEMICAL COMPOSITION OF TOTAL STREAM	N POINT CHEMICAL COMPOSITION OF TOTAL STREAM	N POINT	N POINT CHEMICAL COMPOSITION OF TOTAL STREAM	N POINT CHEMICAL COMPOSITION OF TOTAL STREAM	N POINT CHEMICAL COMPOSITION OF TOTAL STREAM	N POINT CHEMICAL COMPOSITION OF TOTAL STREAM	N POINT CHEMICAL COMPOSITION AIR CONTAMINANT OF EMISSION PT. [6] HEIGHT ABOVE CONTAMINANT NAME CONTAMINANT NAME [2] [3] H/HR TONS/YR [5] ZONE EAST NORTH GROUND STRUCT. (It) DIA VEL (It) (N POINT CHEMICAL COMPOSITION OF TOTAL STREAM	N POINT CHEMICAL COMPOSITION OF TOTAL STREAM	N POINT CHEMICAL COMPOSITION OF TOTAL STREAM

GROUND ELEVATION OF FACILITY ABOVE MEAN SEA LEVEL - 10 feet TACB STANDARD CONDITIONS ARE 68° F AND 14.7 PSIA [RULE 131.01.00.001(55)]

General Instructions:

- 1. Identify each emission point with a unique number for this plant site, consistent with emission point identification used on plot plan, previous permits and Emissions Inventory Questionnaire. Limit emission point number to 8 character spaces. For each emission point use as many lines as necessary to list air contaminant data. Typical emission point names are: heater, vent, boiler, tank, reactor, separator, baghouse, fugitive, etc. Abbreviations are OK.
- 2. Typical component names are: air, H2O, nitrogen, oxygen, CO2, CO, NOx, SO2, hexane, particulate matter (PM), etc. Abbreviations are OK.
- 3. Concentration data is required for all gaseous components. Show concentration in volume percent of total gas stream.
- 4. Pounds per hour (# /HR) is maximum emission rate expected by applicant.
- 5. Tons per year (T/Y) is annual maximum emission rate expected by applicant, which takes into account process operating schedule.
- 6. As a minimum applicant must furnish a facility plot plan drawn to scale showing a plant benchmark, latitude and longitude correct to the nearest second for the benchmark, and all emission points dimensioned with respect to the benchmark as required by General Application, Form PI-I. This information is essential for calculation of emission point UTM coordinates. Please show emission point UTM coordinates if known.
- 7. Supply additional information as follows if appropriate:
 - (a) Stack exit configuration other than a round vertical stack. Show length and width for a rectangular stack. Indicate if horizontal discharge with a note.
 - (b) Stack's height above supporting or adjacent structures if structure is within 3 "stack heights above ground" of stack.
 - (c) If emission point is a flare, show flare data on Table 8.
- 8. Normally used for fugitive sources. Show dimensions of a minimum size rectangle which will "enclose" all fugitive sources included in this emission point number.

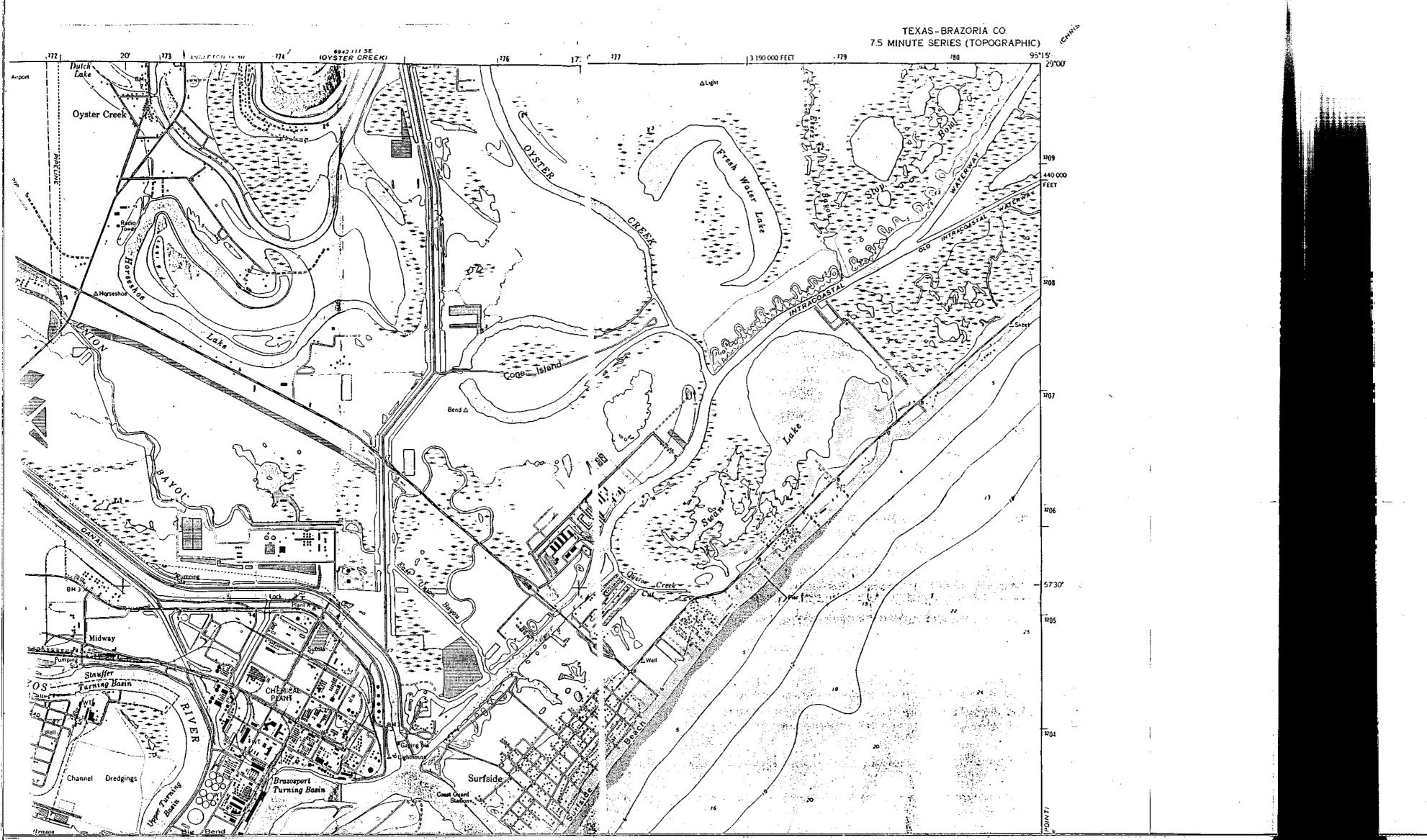
GENERAL PROVISIONS

Storage and Loading of Carbon Compounds

- A. These provisions shall not apply: (1) where the carbon compounds have an aggregate partial pressure of less than 0.5 psia at the maximum expected operating temperature or (2) to storage tanks smaller than 25,000 gallons.
- B. An internal floating roof or equivalent control shall be installed on all tanks.
- C. An open top tank containing a floating roof which uses double seal or secondary seal technology shall be an approved control alternative to an internal floating roof tank provided the primary seal consists of either a mechanical shoe seal or a liquid-mounted seal.
- D. For any tank equipped with a floating roof, the integrity of the floating roof seals shall be verified annually and records maintained to describe dates, seal integrity and corrective actions taken.
- E. The floating roof design shall incorporate sufficient flotation to conform to the requirements of API Code 650, Appendix C, or an equivalent degree of flotation, except that an internal floating cover need not be designed to meet rainfall support requirements.
- F. Uninsulated tank exterior surfaces exposed to the sun shall be white.
- G. For purposes of assuring compliance with carbon compound emission limitations, the holder of this permit shall maintain a monthly emissions record which describes calculated emissions of carbon compounds from all storage tanks and loading operations. The records shall include tank or loading point identification number, control method used, tank or vessel capacity in gallons, name of the material stored or loaded, material molecular weight, material monthly average temperature in degrees Fahrenheit, material vapor pressure at the monthly average material temperature in psia, material throughput for the previous month and year-to-date in gallons, and total tons of emissions including controls for the previous month and year-to-date. This record shall be made available to representatives of the Board upon request.
- H. Emissions for tanks and loading operations shall be calculated using the edition of AP-42, "Compilation of Air Pollutant Emission Factors", in effect on the date this permit was issued (or the edition in effect on the last date the permit was amended if the permit has been amended).
- I. Controlled and uncontrolled emissions of carbon compounds shall be calculated for storage tanks using the following meteorological data as monthly average values:

Monthly Average

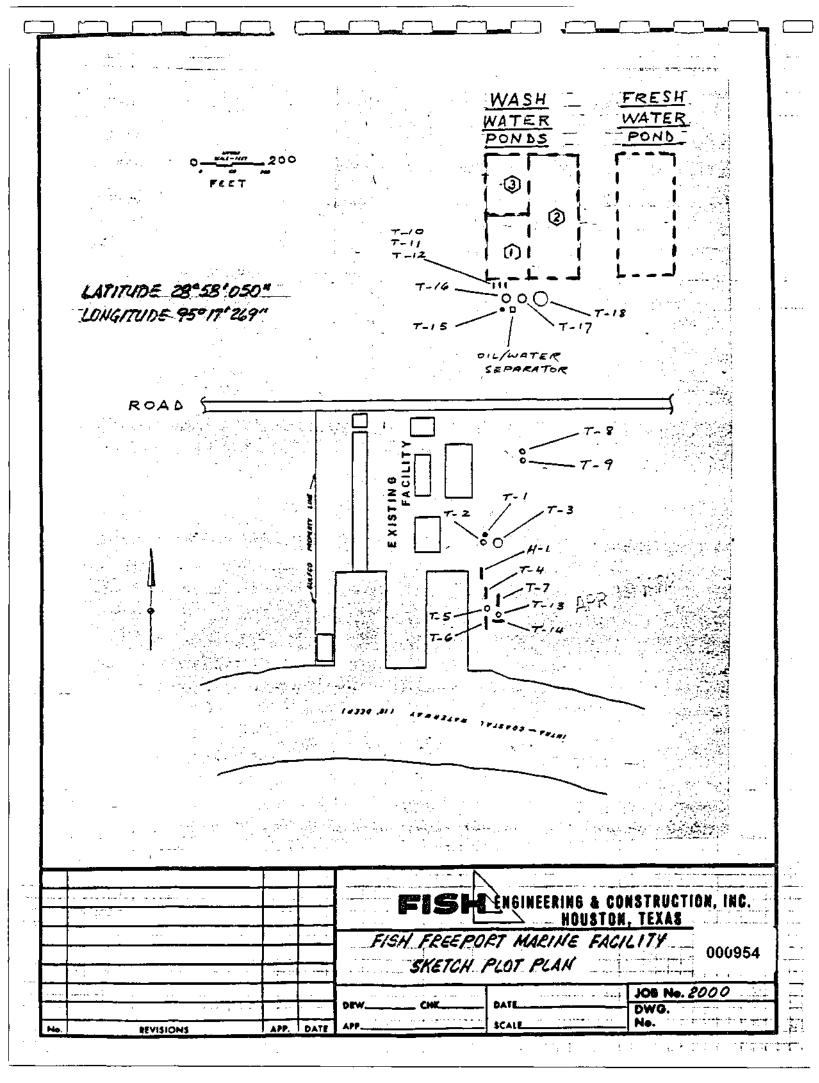
Daily temperature change, °F Wind speed, mph Station pressure, psia



STORAGE TANK SUMMARY

APR 191982

1. BUSINESS LICENSE NA 15 SUBMITTED:		TION, COMPANIENCE INCLUDED IN	•			L AGENCY UNDER	WHICH APPLICATION				
2. TANK LOCATION:		ORT, TEXA		,ormoorie	71, 11101						
3. TANK IDENTIFICATION				asoline	Storage	Tank	-				
4. TANK CAPACITY:		8	AARELS			GALLONS 4	771				
5. TANK DIMENSIONS: DI	AMETER 619)11 H	E I GHT		LENGTH	171011	OTH				
6. TANK SHAPE:	CYLIF	ORICAL X	5	PHERICAL -	отн	ER SHAPE DE	SCR FBE				
7. TANK MATERIALS OF C				*000 🔲	i	OTHER D SP	ECIFY				
8. TANK PAINT:	CHALKING		LIGHT GREY	XXXXXX XX		LUMINUM 04	ARK COLOR OR NO PAINT				
9. TANK CONDITION:	-	5000		FAIR 🔯		POOR 🔲					
10. TANK STATUS:	HEW CONSTR	PUCTION -	AL	TERATION 🔲	Exic	ting					
11. TYPE OF TANK:	FIX	ED ROOF X		PRESSORE		Y HEATED	Unata casa C				
('		==				=	UNDERGROUND L				
CHECK ALL APPLICAT				OPEN TOP		NSULATED	THER				
12. IF TANK IS TO HAVE		· <u> </u>	ME FOLLOWII			_					
TYPE	OF ROOF: DOUBL	E DECK L.		PONTOON [OTHER DE	SCR BE				
		SINGLE 🗔		CONSTE 🛄		0THER 🔲 DE	SCRIBE				
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15. NAME ALL LIQUIDS, S Gasoli	ne ·			¢4	ENS!TY:	LBS/GAL.	(or)OA.F.I.				
16. TEMPERATURES AT WHI	OH THE ABOVE	LISTED MATER	TALS ARE TO	BE STORED	IN THIS TANK	(:					
17. IF MATERIAL STORED	EOF	IN PROPRIET OF	ANY OTHER			TURE ——— OF /					
FOR EACH MATERIAL:	INTERNATION	TIONAL SHEETS	, IF NECES	SARY).		0.0					
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18. OPERATIONAL DATA:	-					2200					
MAXIMUM FILLING RA		<u> </u>				3300	GALLONS PER HOUR				
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AVERAGE THROUGHPU	AVERAGE THROUGHPUT: BARRELS PER DAY (OR) GALLONS PER DAY										
TANK TURNOVERS PE							1				
19. IF MATERIAL STORED	9. IF MATERIAL STORED IS A SOLUTION, SUPPLY THE FOLLOWING INFORMATION:										
MAME OF SOLVENT: HAME OF MATERIAL DISSOLVED:											
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5/10/82 X-356/ 250p X417 Richard Whitele and H-1 H20 heater 23 F.O. (#G) 3 miscoil 76 heavy outburger reguin but H, O Been record. the will so along w/ heard Keeping -restrict quatron to 147 hr / sear for the boiler - bot H.O-heater. 000955

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REQUEST FOR COMMENTS. REGILL / TEXAS AIR CONTROL BOARD PERMITS SECTION CONTIDENTIAL INFORMATION APTACHED. EROM: # X REGION: (7 AT CITY: 🔀 COMPLIANCE, 🔀 LECAL ARZA; SIT APPLICATION NO. C-Applicant indicates copy of application was sent object to imitenimetion no ~ 3561 □ Cay 🔀 Region 🐇 ENGINEERING & CONSTRUCTION, LNC FACILITY LOCATION: TREEPORT BRAZORIA COUNTY LONGITUDE \$95°-17-269 COMPANY LD. NO: PLEMITURIT NAME: BARGE CLEAN'S FACILITY UNITED. : PREVIOUS RELATED PERMITS/ENEMPTIONS: -NSPS -NESHAPS - PORTABLE 🗐 - NEW SOURCE 💢 - MODIFICATION 🔲 - PERMIT AMENDMENT - 🔯 - PERMIT REVISION OR CHANGE ☐ -PROPOSED START OF CONSTRUCTION. ☐ -CONSTRUCTION STARTED. 🔲 - FACILITY BUILT AND OPERATING 💎 📋 - AS SOON AS PERMIT IS ISSUED. NAME AND RATE OF AIR CONTAMINANTS: OPER SCHED: H/D; D/W; W/Y; CONTINUOUS EXCEPT FOR HEATER Permit Max. Mow. Rare 1 M* | Actual Rate Previous Rate Air Contaminant 17.47/20 1.88T/YA XON* M* - Method of Calculation or source of information for Permit Maximum Allowable Rate -EF - Himission Factors, AD - Application Data; SP - Similar Permit Data; EPA - EPA Decuments, EST - Estimate; TD - Test Data or other: () Explain_ 100 OF AIR POLLUTION CONTROL: - NONE - BACT (Standard) - BACT (transferred) - PROCESS CONTROL - ABATEMENT EQUIPMENT: - SACT ON - HEATEM. METHOD OF AIR POLLUTION CONTROL: 6 stu HEAT FULLT INGR. COMMENTS/TECHNICAL REVIEW/RECOMMENDATION: [ISSUE EXEMPTION DENY EMISSIONS ARE INSIGNIFICANT PROPOSED SPECIAL PROVISIONS (Other than General Provisions and Maximum Allowables): * WATEL HEATER WILL BE LIMITED TO FILING NO MORE 147 HAS WIRELORDS OF OPERATION TO UTLIFY (ANNUAL FIRING) RELONDS ON BARGES CLEANED AND MATERIALS END TED. RUQUESTED COMMENTS: (Please return your comments promptly.) SITE OR LOCATION: SATISFACTORY QUESTIONABLE UNSATISFACTORY ■ SEE SIS DATED

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REQUEST FOR COMMENTS

PERMITS SECTION

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5/19/82	
PERMIT APPLICATION NO. C.	Applicant indicates copy of application was sent tired to
entwitholmetion no. v. 3561	Region County
1. COMPANY FISH ENGINEERING &	CONSTRUCTION, INC.
2. PACILITY LOCATION: FREEDORT, BRAZORI	County
3. EATITUDE: 18 · S. S. · C. F. LONGITUDE/195 · L	7.269 COMPANY LD, NG: ADD
4. PURMIT UNIT NAME: BARGE CLEANIG FACIL. S. PREVIOUS RELATED PERMITS/ENEMPTIONS:	ONT LD. :
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REQUEST FOR COMMENTS

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AF-42 SUPPLEMEN	T 12 STORAGE	TANK LOSSES	<u>, ,, ,, ,, ,, ,, ,, ,, ,, ,, ,, ,, ,, ,</u>	
AME: A MANN FISH ENGE X3561 S	4 SCLINE	<u> </u>		
TORAGE TARK SUMMARY :			<u> </u>	
(1) HOGF TYPE	-FIXEC		<u>. </u>	
(2) CIAMETER (3) CAPACITY	• 6.8 • 4771	FEET GALLONS		
	- 113.59523	310 34RRELS		
(4) AVERAGE INFNOVERS (5) TEMP. INCH. (DEC F)	- 3.5	(ANNUAL) (GRAY)		
(6) AVERAGE CUTAGE (7) TANK PAINT FACTOR	- 3	FEST F(P)		
(3) FIXED ROOF LIGUIC FACTOR	\$ - 1	AREATHING		··
TOULD DATA SUMMARY:	- 1	ARBKING .		
(1) LIGUIC TYPE	-PETACLELM			
(2) TRUE VAPOR PRESSURE (3) DENSITY	- 6.552 - 5.60			
(4) MOLECULAR WEIGHT	- 77.23 - 66.0 c	DEG API LBYLB-MOLE	· -	
				
ETEORCLOGICAL DATA SCHMARY: - (1) AVERAGE DAILY TEAR CHANG	č = 3.5	DEG F		
(2) AVERAGE ANNUAL TEMP	- 65.8	DEG F		
(3) AVERAGE WIND VELLCITY (4) AVERAGE STATION PRESSURE	- <u>11</u> - 14.7	PSI4		
				
VAPBRATIVE EMISSIONS SUMMARY:			 	
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CIDEIXED RECET GREATHING LO	SS (LNCOAT)	.011	•049	
(2) FIXED HOSF + WORKING LO	SS (LNCONT)	.011	.048	
> FIXED REOF TOTAL LO	SS (LNCONT)	.022	096	
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	.	· · · · · · · · · · · · · · · · · · ·		
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TABLE 6 **BOILERS AND HEATERS**

Type of Device:	Water	<u>Hea</u> ter			Manufa	cturer:		F & T			
Number from flow of	diagram:	H-1			Model N	vum be	r:	TX-11584	1		
			CH.	ARACTI	RIST!C	SOF	INPUT	<u> </u>			
Type Fuel	osition	Inlet Air Temp ⁰ F			Fuel Flow Rate						
	(% hy Weight)				preheat)		(scfm	n* or	lb/hr)	
			No D	No Preheat			erage		Design Maxis	mum	
Diesel		,	NO F	reneat	-	5,0	00 1b/h	•	8,000 Lb/Hr.		
0i1	n	PR 1	Gro	oss Heat	ing		Total Air Su	ıpplie			
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Type Transfer Medi	ature ^O F		ressure (Flow	Rate	(specify uni	ts)		
(Water, oil, etc.)		Input	Output		ıput		tput	Average		Design M	
			0000=					10 /		17.3 GPM	
Water		Ambient 200°F			4 psia	1 164	sia	10.4 GP	M] 17.5 GFF	
		<u> </u>	OPER A	ATING C	HARAC	TERI	STICS			<u> </u>	
Ave. Fire Box Temp	, T	Fire Box V	olume (ft. ³					Fire Box		Resider	nce Time
at max. firing rate		(from drawing)			(ft/sec) at max firing rate					in Fire Box at max firing rate (sec)	
	1								1.82 sec.		
1300°F	19 2	cu. ft.	approx	•			,			1.82 sec.	
				CT ACV I	ÀDAM	ETER					
Carala Diamana	Caral	. 11. 1-1.4	 -`	Stack I				<u></u> .	č.	.1. C	
Stack Diameters	Stack	Height	(@Aug Eu	Stack G				Flow Poto)		ck Gas np ^O F	Exhaust
200	, ,		(@Ave.Fu	et Flow	Kate) [<u>@MIAX</u>	21.	flow Rate)	Теп	прт	scfm
30"	10	ft.						sec	•	600°F	6300
			СНУВ	ACTERI	STICS	DE OU					
Material								sed (% by V	olume	 e)	
Particulate			<u> </u>	2.33		31, 34,	110104	342 lb/y			
SO ₂			16	65.10	-		24	270			
503				2.33			_	342			
CO				11.63			1	.710			
Hydrocarbons	1			1.16 25.58 -				170 1760			
Attach an explanatio	n on how	temperatu	re, ai <u>r flow i</u>	rate, exc	ess air o	other	opera	ting variable	es are	controlled.	

Also supply an assembly drawing, dimensioned and to scale, in plan, elevation, and as many sections as are needed to show clearly the operation of the combustion unit. Show interior dimensions and features of the equipment necessary to calculate in perfor-* Standard Conditions: 70°F, 14.7 psia mance.

1. 1. 2. 5 5 6 6 6 7

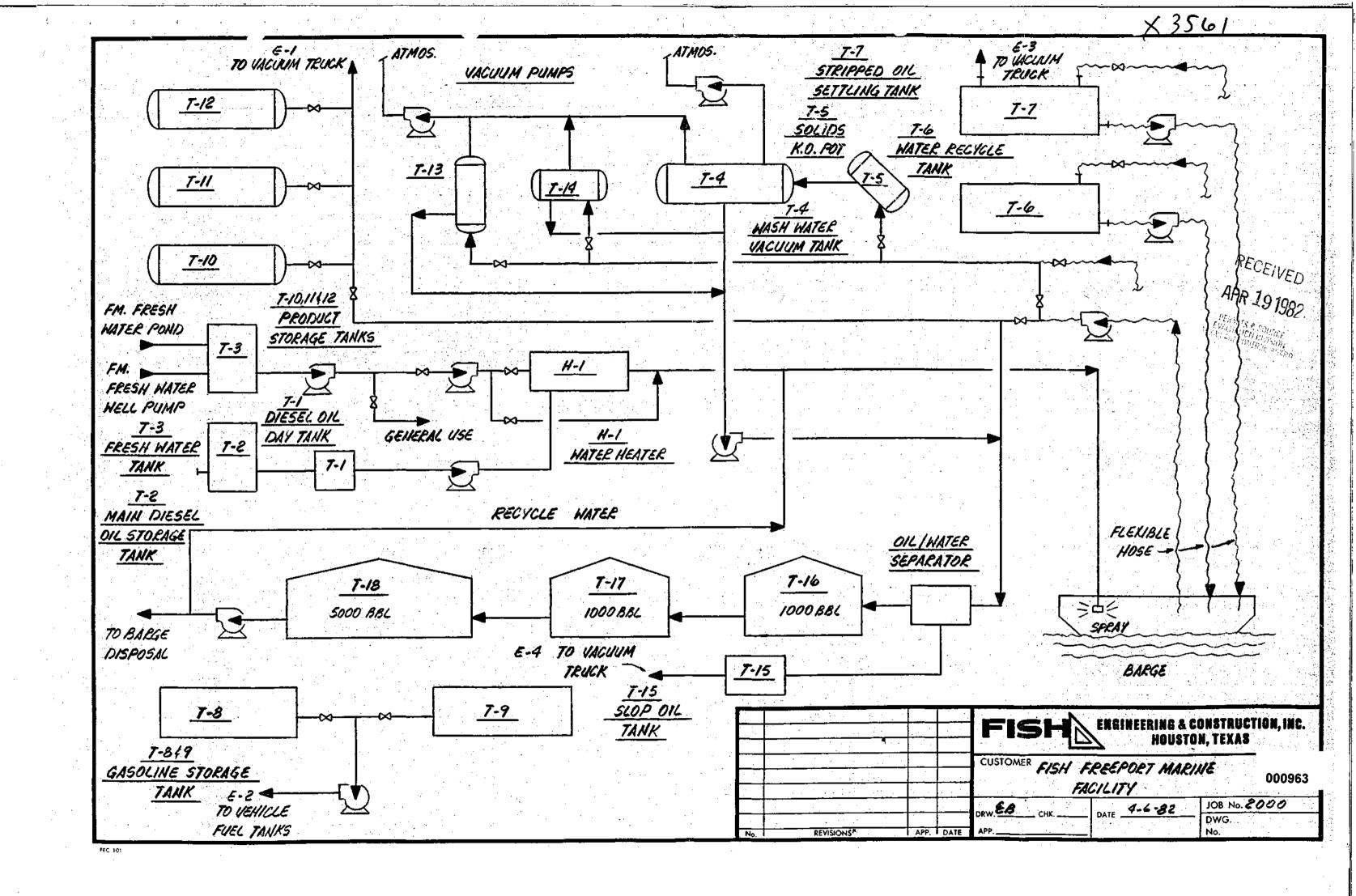


EXHIBIT I

TUDEY	
1.	Fish Freeport Marine Facility Operation
2.	Flowsheet
3.	Method of Calculation
4.	Typical Mix of Barge Cargoes
5.	TACB Table I (a) Emission Sources - 3 pages
6.	TACB Table 6 Boilers and Heaters - I page
7.	TACB Table 7 Storage Tank Summary - 19 page
8.	Oil/Water Separator Drawing
9.	Water Heater H-1 Drawing

1. FISH FREEPORT MARINE FACILITY OPERATION

The Fish Freeport Marine Facility is for the construction of offshore gas and oil production platforms and the repair of cargo-carrying barges. The repair of barges usually requires cleaning of the barges' tanks by washing and gasfreeing to enable work crews to cut and weld in safety. On the average, one barge is cleaned every three days and requires 9,000 gallons for proper cleaning. In exceptional cases 25,000 gallons can be required to wash a large barge. About 4 percent of the barges washed have a carrying capacity of 88,000 barrels, 18 percent have a capacity of about 20,000 barrels and the remaining 32 percent have a capacity of about 10,000 barrels. Gas-freeing a large 20,000 barrel barge takes 4 to 8 hours while for a 10,000 barrel barge the gas can be removed from the tanks in 2-3 hours. However, barges in volatile liquids service, such as cyclohexane or acetone, arrive with their hatches open so that their tanks are usually dry and free of vapors on docking.

Before wahing can take place, any remaining heel of product is pumped out and stored in the Product Storage Tanks, T-10, T-11 and T-12, or the Stripped Oil Settling Tank, T-7 (See attached flowsheet). The pumping (called stripping) is done by a portable air-operated pump which uses a flexible hose to reach into the barges' tank sumps. On the average, a barge has 3 to 6 tanks with 50 gallons of heel in each tank sump. Periodically the Product Storage and Stripped Oil Settling Tanks are emptied into trucks and the contents sold for fuel or chemical use. About one barge in 20 requires stripping before washing begins.

Each tank in a barge is washed with a Butterworth machine which projects a rotating spray of wash water throughout the tank. Cold high pressure water sprays are usually sufficient to clean tanks to enable repair work to begin. However, for viscous liquids, such as crude oil or No. 6 fuel oil, hot water is usually required to assure cleanliness. A fire-tube diesel oil-fired heater, H-1, provides the hot water. Water for the water heater and for washing comes from a well on site or from a fresh water pond on site.

Water consumption is reduced by recycling. Clean water recycles through the Water Recycle Tank, T-6. Oil and dirty water recycles through the new system consisting of an oil/water gravity separator, two 1000 barrel tanks and one 5000 barrel tank. The separator is a totally enclosed box and uses corrugated inclined plates to separate oil and heavy sludges from the circulating wash water. The tanks store re-used water for up to 90 days, after which the water is removed from the site by road trucks or barge for disposal.

Oil skimmed from the water in the separator flows by gravity into the Slop Oil Tank, T-15. When the Slop Oil Tank is full the contents are sold as fuel and transported from the plant site in tank trucks.

Residual water in barges' tanks contains rust particles, scale and sludge which must be removed by vacuum. Two vacuum pumps provide suction through a flexible hose to pump out the water remaining in the tanks and separate out the solids and sludge in settling tanks. One settling system consists 000965 of an inclined Solids K.O. Pot, T-5, together with a horizontal Wash Water Vacuum Tank T-4. The new system of improved design consists of a vertical tank T-13 and a horizontal tank T-14. Water from the vacuum tanks goes to the oil/water separator and then to the wash water storage tanks, T-16, T-17, and T-18 for re-use and eventual disposal.

3. METHOD OF CALCULATION

The calculation of emissions from the equipment at the Fish Freeport Marine Facility followed the methods laid down in "Compilation of Air Pollutant Emission Factors", 3rd. Edition, AP-42, published by the U.S. Environmental Protection Agency. Breathing and working losses were calculated for each storage tank, and for the oil/water separator the only loss calculated was the breathing loss since the level in the separator remains constant. Emissions from the diesel oil-fired water heater were calculated using distillate oil fired industrial boiler factors with heat input rates between 15 and 250 million Btu per hour.

In accordance with the Partial Stay of Regulations published by the U.S. Environmental Protection Agency in the Federal Register, Volume 46, No. 242, Thursday, December 17, 1981, the emissions from the barges have not been included in the total facility annual emissions.

Calculations of emissions from storage tanks and truck loading were made for the worst case in each instance and then adjusted to approach more nearly the actual expected operating conditions. The table on the following page lists the worst case results using gasoline (RVP= 13.0 psi) for the most volatile hydrocarbon handled. Since in fact gasoline and other volatile hydrocarbons and chemicals represented a minor portion of the cargoes transported by the barges washed at the Marine Facility, these results were recalculated using a weighted vapor pressure reflecting the actual historical mix of cargoes rather than the high vapor pressure of the worst case. The recalculated results are listed in Section 5 of this Exhibit I.

Truck loading emissions were estimated assuming that about 20 minutes are required to load 1000 gallons into a truck.

SUMMARY OF ANNUAL STORAGE TANK AND TRUCK LOADING EMISSIONS - WORST CASE

SOURCE	CONTENTS	LB/YR	
T-1	Diesel Oil	15.4	
T-2	Diesel Oil	30.9	
T-3	Water	-	
T-4	Water	_	
T-5	Water		
T-6	Acetone/Water	1028	
T-7	Gasoline	7141.5	
T-8	Gasoline	1667.3	
T~9	Gasoline	2321.5 🗐 💎	
T-10	MEK	505	
T-11	MEK	528	200 C 200
T-12	MEK	522	
T-13 (New)	Water	-	
T-14 (New)	Water	-	
T-15 (New)	Gasoline	5616	
Oil/Water Separator (New)	Gasoline	245	
T-16 (New)	Water	-	
T-17 (New)	Water	-	
T-18 (New)	Water	-	
TRUCK LOADING (GASOLINE)			
E-1 Product Storage	Tanks	840	
E-3 Stripped Oil Set	tling Tank	583	
E-2 Gasoline Storage	Tanks	209	
E-4 Slop Oil Tank		3184	
		24436 = 12.21 t	ons/yr.

4. TYPICAL MIX OF BARGE CARGOES FOR WASHING AT FREEPORT MARINE FACILITY

Period June 1980 to August 1981

CARGO		NUMBER OF BARGES
No. 4 fuel oil		23
No. 6 fuel oil No. 2 fuel oil		1
		3
Crude Oil Diesel oil		5
		1
C5 Oil Oil Residues		1
		1
Cg Oil		3
Naphtha Gasoline		2
		1
Lactol Solvent (C6-C8)		1
Gasoline Additive		Ī
Silicate Oil		2
Catalytic Reformer Feed Oil		1
Gas Oil	7.8	24
Benzene		4
Xylene		7
Toluene		, 9
Cyclohexane		1
Cumene		2
Ethylbenzene		3
Styrene		ა 8
Caustic Soda		2
Hydrochloric Acid		1
Sulphuric Acid		1
Fertilizer		7
Calcium Chloride		
Ethylene Glycol		3
Diethylene Glycol		1
Polyalkylene Glycols		6
Methanol		1.
Butanol		2
Niax Polyol		1 2
Chloroform		1
Perhloroethylene		1
Vinyl Chloride		
Chlorine Acetic Acid		4 5
		5 3
Acetone Mathylathul Votana		2
Methylethyl Ketone		1
Vinyl Acetate		3
Ballast Water	ም ርም ል ፣	
	TOTAL	151

STORAGE TANK SUMMARY

APR IS NO	100
-----------	-----

1. BUSINESS LICENSE IS SUBMITTED: F			INDIVIDUAL OWNER		L AGENCY UNDER W	HICH APPLICATION			
2. TANK LOCATION: F				,					
3. TANK IDENTIFICATI	ON (NUMBER OR !	YAMEI: T-	l Diesel	Oil Day Tan	k				
4. TANK CAPACITY:		SAR	RELS	1.008	GALLONS				
S. TANK DIMENSIONS:	DIAMETER3	¹ 8 ¹¹ HE I	GHT	LENGTH	2'0" #101	н			
6. TANK SHAPE:	CYLI	NORICAL 🔯	SPHERICAL	. 🔲 отна	A SHAPE . DESC	A18E			
7. TANK MATERIALS OF	CONSTRUCTION:	STEEL 🗓	*001	<u>, D</u>	OTHER SPEC	IFY			
8. TANK PAINT:	CHALKIN	G WHITE L	CHL CHEN XXXXXX	№ ^	LUMERUM - DARK	COLOR OR NO PAINT			
9, TANK CONDITION:		6000	FAII	· 🖾	_*00* 🗖				
10, TANK STATUS:	HEW CONST	RUCTION 🔲	AL TERATION	201400					
11, TYPE OF TANK:	FIX	ED ROOF 🔯	PRESSUR	E 🔲 INTERNALLY	HEATED	UMBERGROUMD 🔲			
CHECK ALL APPLI	ABLE) FLOATI	NG ROOF	OPEN TO	· 🗆 💮	SULATED -	OTHER			
12. IF TANK IS TO HA	VE A FLOATING R	OOF, SUPPLY THE	FOLLOWING INFOR	MATION:					
TYP	OF ROOF: DOUB	LE DECK 🛄	PONTOO	· 🗆	OTHER 🔲 DESC	R19E			
1		SINGLE 🔲	00081		OTHER 🔲 DESC	R LOE			
TYPI CI	OF SHELL	REVETED 🔲	WELDE!	o o	OTHER 🔲 DESC	R18E			
13. IF TANK IS TO HA	E ANY OTHER TY	PE OF ROOF OR C	OVER (OR NONE AT	ALL), DESCRIBE:					
14. VENT VALVE DATA: INDICATE TYPE, NUMBER, SETTINGS AND VAPOR DISPOSAL:									
	Number	PRESSURE	VACUUM		DISCHARGING TO:	(CHECK)			
<u> </u>	NUMBER	SETTING	SETTING	ATMOSPHERE	VAPOR CONTROL	FLARE			
COMBINAT	ON	<u> </u>	<u> </u>						
PRESSURE									
VACUUM									
OPEN	1		1	X	_				
15. NAME ALL LIQUIDS	, VAPORS, GASES	OR MIXTURES OF	SUCH MATERIALS	TO BE STORED IN	THIS TANK:	(on) 40 OA.F.I.			
DIFSEL (ADO: THE ABOUT	LISTED MATERIA	1 6 ADE TA AE STA	DEMSITY:	L85/GAL.	(OR) OA.P.1.			
HENTERATURES AT		CISTED MATERIA		MAXIMUM TEMPERAT		Ambient			
17. IF MATERIAL STOR	O IS A PETROLE	UM PRODUCT OR A	MY OTHER TYPE OF	ORGANIC MATERIA	L, SUPPLY THE FO	CLLOWING INFORMATION			
FOR EACH MATERIA	L: (ATTACH ADDI	TIONAL SHEETS,	IF NECESSARY).	_	. 90 .				
VAPOR PRESSURE:	L05.	. REID (OR)	0_02_ tes. PER	10. IN. ABSOLUT	FOR WEAVY BET	ROLEUM PRODUCTS ONLY:			
INITIAL BOILING	POINT:	_0_			FLASH POINT:	O _F			
18. OPERATIONAL DATA				·····					
MAXIMUM FILLING	AATE:		BARRELS PER HOUS	(on)		GALLONS PER HOUR			
AVERAGE OUTAGE	AVERAGE DIST	NCE FROM TOP O	F TANK SHELL TO 1	LIDUID SURFACE)_		т			
AVERAGE THROUGH	PUT:		BARRELS PER DAY	(OR)		GALLONS PER DAY			
TANK TURNOVERS	*** *****	20							
10 15 MATERIAL STORE			OLLOWING THEORY	TION:					
IS. IF MATERIAL STORE	D IS A SOLUTION	N, SUPPLY THE FO	DELOWING INFORMA						
i			IE OF MATERIAL DI						
MAME OF SOLVEN	T:	NAH	IE OF MATERIAL DI	\$\$0LVED:		186 /0414 64			
MAME OF SOLVEN	T:	NAH	IE OF MATERIAL DI	\$\$0LVED:		LOS./GALLON			
MAME OF SOLVEN	T:	- % BY WEIGHT	IE OF MATERIAL DI	% BY VOLUME					

STORAGE TANK SUMMARY

APR 191302

i. Busines	S LICENSE NAM	E OF CORPORA	•	•				AGENCY UND	ER WHICH	APPLICATION			
2. TANK LO		REEPORT,											
3. TANK ID	ENTIFICATION	(NUMBER OR N	AME):	T-2	Main D	ieșel (oil s	torage Ta	ank				
4. TANK CA	PACITY:			BARRELS				GALLONS	19.1	40			
5, TANK DI	MENSIONS; DIA	METER	7"	HEIGHT	29'0"	LEN	GTH		#IDTH				
6. TANK SH	APE:	CYLIH	DRIGAL X		SPHERICA	. 🗆	OTHE	R SHAPE	DESCRIBE				
7. TANK MA	TERIALS OF CO	MSTRUCTION:	STEEL 🔀		*00			OTHER [SPECIFY.				
8. TANK PA	INT:	CHACKING	инсте 🔲	LIGHT	GREY ON YOUN	(, A	LUM I NUM 🔲	DARK COL	OR OR HO PAINT			
9. TANK CO	NDITION:		5000 🗀	-m	FAI	. 🔼	· 	₹008 □					
O. TANK ST	ľATUS:	NEW CONSTR	UCT FOR 🔲		AL TERATIO	· 🗆 📙	Exist:	ing					
11. TYPE OF	F TANK:	FIXE	D ROOF 🔀		PRESSUR	: 🔲 🗆 t n t	ERNALLY	HEATED 🔲		UNDERGROUND .			
	ALL APPLICAB				0PEH TQ		18	SULATED -	_	OTHER -			
12. IF TANK	C IS TO HAVE	A FLOATING RO	OOF, SUPPLY	THE FOL	LOWING INFO	MATION:							
[TYPE OF	Roof: PoueL	E DECK		PONTÓDI	. 🗀	•	OTHER 🔲	DESCR 0E				
	TYPE OF	SEAL:	SINGLE -		000861			OTHE# 🗀					
	TYPE OF	SHELL	IVETED		#ELDE	=		OTHER					
13 15 7450	IS TO HAVE	KOC11041.		00 0000				U.MER	DESCHIBE				
							2CHIRE:						
14. VENT V	ALVE DATA: IN	DICATE TYPE,	NUMBER, SE	TTINGS A	WD VAPOR DIS	POSAL:				·· ·			
		NUMBER	PRESSUR		VACUUM			DISCHARGING					
	[-		SETTIN	-	SETTING	ATMOSP	HERL	VAPOR CONT	OL	FLARE			
	COMBINATION								- 				
	PRESSURE						_		- -				
	VACUUM							<u>.</u>					
	OPEN	1 1 1	L			X							
15. NAME AL	sel Oil	APORS, GASES	OR MIXTURE	S OF SUC	H MATERIALS	TO BE STO	RED IN	THIS TANK:	(. (ox	400			
	TURES AT WHIC	_	LISTED MAT	ERIALS A		KED IN IN	ID INTO	•					
MINIMU	M TEMPERATURE	OF	M PRODUCT	CR ANY C	THER TYPE OF	OPCANIC	EMPERAT	URE —— OF	Amb e Foulow	ING INFORMATION			
FOR EAC	H MATERIAL:	(ATTACH ADDIT	TIONAL SHEE	TS. IE N	ECESSARY).								
VAPOR	PRESSURE:	4.85.	REID (OR)	,	1,85, PER	3Q. IN.	ABSOLUTI			UM PRODUCTS ONLY:			
INITI	AL BOILING PO	INT:	.0,					FLASH POI		OF			
18. OPERATIONAL DATA:													
18. OPERATI				MAXIMUM FILLING RATE: BARRELS PER HOUR (OR) GALLONS PER HOUR									
18. OPERATI	FILLING RATI									LONS PER HOUR			
18. OPERATI								5	GAL	LONS PER HOUR			
18. OPERATI MAXIMUM AVERA	FILLING RATI	VERAGE DISTA	NCE FROM TO	OF OF TA	NR SHELL TO	LIQUID SUI	RFACE)_	5	FT				
18. OPERATI MAXIMUM AVERA AVERA TANX	I FILLING RATI GE OUTAGE: {A GE THROUGHPUT TURNOVERS PER	YEAR:	NCE FROM TO	OP OF TA	NR SHELL TO	Liquia sui (on	RFACE)_	•	FT				
18. OPERATI MAXIMUM AVERA AVERA TANX	FILLING RATE GE OUTAGE: {A GE THROUGHPUT	YEAR:	NCE FROM TO	OP OF TA	NR SHELL TO	Liquia sui (on	RFACE)_	•	FT				
18. OPERATI MAXIMUM AVERA AVERA TANK 19. IF MATE NAME	I FILLING MATTINGE OUTAGE: \$4.00 THROUGHPUT TURMOYERS PER RIAL STORED I OF SOLVENT:	YEAR:	NCE FROM TO	DF DF TAI	NR SHELL TO	LIQUID SUI (OR	RFACE)_		FT				
18. OPERATI MAXIMUM AVERA AVERA TANK 19. IF MATE NAME CONC	I FILLING RATION OF SOLVENTS:	YEAR:	NCE FROM TO	BARF	NR SHELL TO HELS PER DAY WING INFORMA F MATLRIAL DE	(OR TION: SSOLVED:	RFACE)_		FT	ONS PER DAY			
18. OPERATI MAXIMUN AVERA AVERA TANK 19. IF MATE NAME CONC.	I FILLING MATTINGE OUTAGE: \$4 GE THROUGHPUT TURMOYERS PER RIAL STORED I OF SOLVENT: ENTRATION OF RIAL DISSOLVE	YEAR: YEAR:	NCE FROM TO	DP DF TAI	NR SHELL TO HELS PER DAY WING INFORMA F MATERIAL DE	10010 SUI (08 TION: \$20LYED:	RFACE)	100	FT GALL	ONS PER DAY			
18. OPERATI MAXIMUN AVERA AVERA TANK 19. IF MATE NAME CONC.	I FILLING MATTINGE OUTAGE: \$4 GE THROUGHPUT TURMOYERS PER RIAL STORED I OF SOLVENT: ENTRATION OF RIAL DISSOLVE	YEAR: YEAR:	NCE FROM TO 2 , SUPPLY THE T BY WEIGH LIQUIFIED	BARP HE FOLLO HAME OF	NR SHELL TO HELS PER DAY WING INFORMA F MATERIAL DE	TION: \$20LVED: \$20LVED:	RFACE)_)	100	FT GALL	ONS PER DAY			

STORAGE TANK SUMMARY

I. BUSINES	1 7TED .		TION, COMPANY,			INTAL AGENCY UNDER W	HICH APPLICATION				
2. TANK LO	CATION.	REEPORT.									
3. TANK ID	ENTIFICATION	(NUMBER OR N	(AME):	-3 Fresh W	ater Tan	K					
4. TANK CA			BARR	ELS		GALLONS 22,	400				
5, TANK DI	MENSIONS: DIA	METER 15	131 ₂ 11 HE 16	нт <u>1610</u> 11	LENGTH	#101	H				
6. TANK SH	APE:	CYLIN	EDRICAL X	SPHERICAL	. 🗆	OTHER SHAPE 🔲 DESC	38186				
7. TANK MA	TERIALS OF CO	NSTRUCTION:	STEEL X	*00	<u> </u>	OTHER 🔲 SPEC	HFY				
8. TANK PA	INT:	CHALKING	WHITE LIC	GHT GREY ON WALK		A CUMINUM DAR	COLOR OF HO PAINT				
9. TANK CO	NDITION:		6000	FAII	· 🔯	POOR 🗔					
10. TANK \$1	TATUS:	HEW CONSTR	UCTION 🛄	AL TERATIO	Ex:	isting					
II. TYPE O			ED A00F 🔯	PRESSUR		ALLY HEATED	UNDERGROUND 🔲				
 	ALL APPLICABL	<u></u>		OPEN TO		INSULATED	QTHE#				
IL. IT IAN		ROOF: DOUBL	OOF, SUPPLY THE	POLLOWING INFOR		OTHER 🔲 DESC	· · · · · · · · · · · · · · · · · · ·				
1			SINGLE [DOUBLE	=	_					
1	_			#ELDEI	_	OTHER DESC					
13. IF TANK	CONST	SHELL SRUCTION: S Vey OTHER TYP	E OF ROOF OR CO				HIBE				
L	13. IF TANK IS TO HAVE ANY OTHER TYPE OF ROOF OR COVER FOR NONE AT ALL), DESCRIBE: 14. VENT VALVE DATA: INDICATE TYPE, NUMBER, SETTINGS AND VAPOR DISPOSAL:										
	DISCHARGING TO: (CHECK)										
]		NUMBER	SETTING	SETTING	ATMOSPHER	VAPOR CONTROL	FLARE				
ļ	COMBINATION										
1	PRESSURE			<u> </u>							
}	VACUUM		<u></u>	<u> </u>							
	OPEN	<u> </u>		<u> </u>	X						
15. NAME AL		APORS, GASES Jater	OR MEXTURES OF	SUCH MATERIALS	TO BE STORED DENSITY: &	IN THIS TANK:	(oR)OA.P.1.				
	TURES AT WHIC	H THE ABOVE	LISTED MATERIAL	S ARE TO BE STO	RED IN THIS	TANK: ERATUREOF AID	_				
17. LE MATI	M TEMPERATURE	IS A PETROLEI	UM PRODUCT OR AN				OLLOWING INFORMATION				
FOR EA	CH MATERIAL;	(ATTACH ADDI	TIONAL SHEETS, I	F NECESSARY).		_					
YAPOR	PRESSURE:	L#\$.	REID (OR)	LBS. PEA	50, IN. A850		ROLEUM PRODUCTS ONLY:				
111171	AL BOILING PO	INT:	_O _F			FLASH POINT:					
<u></u>	ONAL DATA:					<u> </u>					
MAXIMUN	FILLING RATE	i:		BARMELS PER MOUI	(os) _		GALLONS PER HOUR				
AVERA	GE DUTAGE: (A	VERAGE DISTA	NCE FROM TOP OF	TANK SHELL TO	LIQUID SURFAC		FT				
AVERA	GE THROUGHPUT	·: 		BARRELS PER DAY	(on) _		GALLONS PER DAY				
	TURNOVERS PER										
19, IF MATE	RIAL STORED I	S A SOLUTION	, SUPPLY THE FO	LLOWING INFORMA	TION:						
,			MAM	OF MATERIAL DI	530LVED:	·					
MATE	ENTRATION OF RIAL OISSOLVEI	o:	. % BY WEIGHT	(on)	_ % BY VOLUM	IE (0#	LBS./GALLON				
20. IF MATE		CONCENTRATION OF MATERIAL DISSOLVED:									
L	RIAL STORED 1	S A GAS OR A	LIQUIFIED GAS	MHICH IS NOT A	PETROLEUM PRO	DUCT, SUPPLY THE FO	CLUWING INFORMATION:				
1				THE MATERIAL:			CLUWING INFORMATION:				

STORAGE TANK SUMMARY

٠٠		NESS L JBM1TT			NTION, COMPAN NEERING &	•				AGENCY UNDE	ER WHICH	APPLICATION
2.	TANK	LOCAT	OM.	REEPORT,		OORE	JIKOCI IOI	, 111	<u>. </u>			
3.	TANK	IDENT		(NUMBER OR N		T-4	Wash Wa	ter '	Vacuum	Tank		
4.	TANK	CAPAC	ITY:			BARRELS				GALLONS	11.77	0
5.	TANK	DIMENS	IONS: DIA	7 (HETER)"	HEIGHT _			LENGTH 3	6'0"	FIOTH	V
6.	TANK	SHAPE	:	CYL 11	IDRICAL 🖾		SPHERICA	Ü	- ОТИЕ	R SHAPE	DESCRICE	
7.	TANK	MATER	ALS OF CO	NSTRUCTION:	STEEL 💢		*00	٥	•	OTHER -	SPECIFY_	
е.	TANK	PAINT	:	CHALK INC	#H17E 🗀	LIGHT	GREY XXXXXX			LUM I NUM 🔲	DARK COL	OR OR NO PAINT
9.	TANK	CONDI	FION:		6000		FAI	. X		POOR 🔲		
30.	TANK	STATU	S:	NEW CONSTI	RUCTION 🔲		ALTERATIO	<u>.</u>	Exist	ing		
11,	TYPE	OF TA	NK:	FIX	ED ROOF		PRESSUR	٠ 🗆	HTERNALLY	HEATED 🔲		UNDERGROUND .
	(CHE	CK ALL	APPL I ÇABI	LE) FLOATII	NG #00F 🔲	_	00EN TO	• 🗆	1 M	SULATED 🖾		OTHER
12.	IF T	ANK IS	TO HAVE	A FLOATING R	OOF, SUPPLY	THE FOL	LOWING INFO	MATION	;			
1			TYPE OF	* #00F: 00UB	LE DECK 🗀		PONTOG	· 🗆	•	OTHER 🔲	0E5C#18E	
]			TYPE OF	SEAL:	SINGLE 🔲		DOUBL			ОТНЕЯ 🔲	DESCRIBE	
ĺ			TYPE OF	SHELL PRUCTION:	RIVETED -						OESCRIBE	
13.	IF T	ANK IS	TO HAVE A	NY OTHER TY	E OF ROOF OF	COVER			DESCRIBE:		V	
ᆫ					NUMBER, SET					 		
~ ·	AEMI	VALVE	UATA: IN	COLCAIZ TIFE,	, ' '	- 7 -		TOSAL:		DISCHARGING	TO: (CHE	Cr.)
1	Non			Number	PRESSURE SETTING	1	VACUUM SETTING	ATMO	SPHERE	VAPOR CONTE		FLARE
1	1,011		BINATION					T -				
l		<u> </u>	SSURE			 						
]		 -	CUUM			- -		 			- 	
1		F—	EN	 	 -			 		-	-	
1.6	11 A 1 4 C			1000 CASEC	OR MIXTURES	05 SUC	L MATERIAL S	TO BE 1	STORED IN	THIS TANK.		
ŀ		1	Water					DENS	:1 TY: Ω	14 LBS/GAL	. (on)	0A.F.1.
16.		ERATUR	ES AT WHIC	_	LISTED MATER	RIALS A		RED IN	THIS TANK	:		
17			MPERATURE		IN PRODUCT OF	R ANY O				URE		TIC VING INFORMATION
	FOR	EACH M	ATERIAL:	(ATTACH ADDI	TIONAL SHEETS	S, IF N	ECESSARY).					
	YAF	OR PRI	SSURE:	LBS.	MEID (OR)		LBS. PER	50. SH	. ABSOLUTI		_D _F	UM PRODUCTS ONLY:
Į	INI	ITIAL I	1011 ING #0	INT:	.0.					FLASH POLA		DE PRODUCTS ONCT:
18.			DATA:							1	 	
	MAXII	MUM FI	LLING RATI	£:		BARR	ELS PER HOU	R (OR)		GAL1	LONS PER HOUR
l	AVI	ERAGE	DUTAGE: (A	VERAGE DISTA	NCE FROM TOP	OF TAN	IR SHELL TO	LIDUID	SURFACE)		FT	
l	AVI	ERAGE	THROUGHPUT	·:		BARR	ELS PER DAY	((on)		GALL	ONS PER DAY
	TAR	NK TURI	OVERS PER	YEAR:								
19,					, SUPPLY THE	FOLLOV	ING INFORMA	TION:				
	_					NAME OF	MATERIAL D	SSOLVE	D:			
			ATION OF	n:	2 av		an)		V51 1005	for		* /641.0M
20.	IF MA	TERIAL	STORED I	S A GAS OR A	LIQUIFIED G	AŞ WHIC	H IS NOT A	PETROLE	UM PRODUCT	T, SUPPLY THE	FOLLOW	S./GALLON ING INFORMATION:
							MATERIAL:					
Ī	PR	E \$ 3 UR E	AT WHICH	MATERIAL IS	STORED:					0 g		

FO KIM PI-2 (12-1)

STORAGE TANK SUMMARY

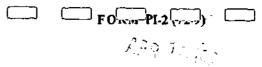
	_		<u> </u>						
i		AE OF CORPORA	ATION, COMPAN	Y, INDIVIDUA	L OWNER OR	GOVERNMENTA	L AGENCY UNDER	WHICH APPLICATIO	ON .
1 S SUB	MITTED:	FISI	H ENGINEE	RING & C	ONSTRUCT	ION. INC	<u>. </u>	·—	
2, TANK L	OCATION:	FREI	EPORT, TE	XAS					
3. TANK 1	DENTIFICATION	(NUMBER OR N	(AME):	. T 5So	ids Kno	ockout Po	nt		
4. TANK C	APACITY:			ARRELS				1,000	
5, TANK D	EMENSIONS: DIA	METER 51	211 ,	1E I GHT		 _ LENGTH	6'8"	DTH	
6. TANK S			IDRICAL 🔼		HERICAL 🔲		ER SHAPE D		
7. TANK M	ATERIALS OF CO				*000		OTHER . S	ECIFY _	
B. TANK P	AINT:	CHALK INC	**************************************	YELLOW YANKAK	SKNIKUE 🗆	,	. LUMINUM D.	RK COLOR OR NO PA	AINT 🗆
9. TANK C	CONDITION:	1	6000 🔀		FAIR 🗆		P00* []		
10, TANK S	STATUS:	NEW CONSTR	RUCTION 🗀	AL T	ERATION 🔲	Existin			
11. TYPE	DE TANK		ED ROOF				Y HEATED	UNDERGRO	
.					_		_		
	K ALL APPLICABL				*E* TOP -		HSULATED [07	HER
12. IF TA	NK IS TO HAVE	A FLOATING R	OOF, SUPPLY	THE FOLLOWING	INFORMATI	ON:			
	TYPE OF	F ROOF: POUBL	LE DECK 🔲		PONTOON 🔲	•	OTHER 🗀 DI	SCRIBE	
ĺ	TYPE OF	F SEAL;	SINGLE 🔲					SC# 18E	
	- 4	F SHELL Truction: F			WELDED			SCR186	
13. IE TAL	CONST NK 15 TO HAVE							. JCK184	
	AU IS IN WAR)	THE CIPER (T)	- E OF KOUP ON	COVER TOR F	WHE AT ALL	, DESCRIBE:			
14. VENT	VALVE DATA: IN	DICATE TYPE,	NUMBER, SET	TINGS AND VA	OR DISPOSA	L;			
None	2	NUMBER	PRESSURE	VACU			DISCHARGING TO		
{			SETTING	3677	NG A1	MOSPHERE	VAPOR CONTRO	L FLARE	
Į	COMBINATION	<u> </u>					 		
Ì	PRESSURE	<u> </u>	i				<u> </u>		
[VACUUM						{		
	OPEN	T		<u> </u>					
15. NAME	ALL LIQUIDS, V	APORS, GASES	OR MIXTURES	OF SUCH MATI	RIALS TO B	E STORED IN	THIS TANK:		
	Water	•			DE	HSITY:	LBS/GAL.	(OA)	DA.F.I.
	RATURES AT WHIC		LISTED MATER	HALS ARE TO	BE STORED	IN THIS TANK	(: URE	Ambient	
M (N1M) 17. F M≜*	UM TEMPERATURE TERIAL STORED	IS A PETROLEI	UM PRODUCT OF	ANY OTHER	YPE OF ORG	ANIC MATERI	AL. SUPPLY THE	FOLLOWING INFORM	ATION
	ACH MATERIAL:	•					,		-
	# PRESSURE:			-		IN. ABSOLUT	E_AT	r	
							FOR HEAVY P	ETROLEUM PRODUCTS	OMLY:
	TAL BOILING PO	!HT:	_o _F				FLASH POINT	<u> </u>	<u> </u>
	TIONAL DATA:								
MAXIMU	M FILLING RATI	E:		BARRELS P	ER HOUR	(OR)		GALLONS PER HO	NUR
AVER	AGE OUTAGE: (A	LVERAGE DISTA	NCE FROM TOP	OF TANK SHE	LL TO L (201	ID SURFACE).		_ FT	
AVER	RAGE THROUGHPUT	r:		BARRELS P	R DAY	(on)	· · · · ·	GALLONS PER DAY	r
	TURNOVERS PER								
LO. IF MAT	ERIAL STORED I	S A SOLUTION	I, SUPPLY THE	FOLLOWING I	NFORMATION:	:			
				-		uch.			
	E OF SOLVENT:				LINE DISSOL	*EU		_	
NAM Con-	CENTRATION OF	_	.		_				
NAM Con-	CENTRATION OF	_	.		_			LBS./GALLON FOLLOWING INFORMA	ATION:
NAM Con-	CENTRATION OF	_	. % BY WEIGHT	(OR)	NOT A PETRO			LBS./GALLON FOLLOWING INFORMA	ATION:
NAMI CON- MATI 20, IF MATI	CENTRATION OF	D: S A GAS OR A	. % BY WEIGHT LIQUIFIED G	(OR) AS WHICH IS IFY THE MATE	NOT A PETRO	BY VOLUME DEUM PRODUC	T, SUPPLY THE	FOLLOWING INFORMA	ATION:

STORAGE TANK SUMMARY

 A_{i}

FO FO

1.		NESS LICENSE NA UBMITTED:			, INDIVIDUAL OWNE G & CONSTRUC		_	ER WHICH APPLICATION		
2.	TANK	LOCATION:	FREEPO	RT, TEXAS		· -				
3.	TANK	IDENTIFICATION		41.45.1	I-6 Water H	Recycle 1	Tank			
4.	TANK	CAPACITY:			RRELS		GALLONS	19.323		
5.	TANK	DIMENSIONS: DI	AMETER 10'	6" не	I GHT	LENGT	н29'6''	*10TH		
6.	TANK	SHAPE:	CYLIN	DRICAL X	SPHERICA		OTHER SHAPE			
7.	TANK	MATERIALS OF C	ONSTRUCTION:	STEEL X	*00	• 🗆	OTHER -	SPECIFY		
8.	TANK	PAINT:	CHALKING	#H1TE 🗍 U	ІСНТ СКЕТ ХОК ХЕХО	E X	A CUMTRUM 🔲	DARK COLOR OR NO PAINT		
9.	TANK	CONDITION:		6000 🗀	FAI	n 🔀	POOR 🗀			
10.	TANK	STATUS:	NEW CONSTR		AL TERATIO	• 🗆 .	Cristing			
Ιĩ.		OF TANK:	Fixe		FRE 55UR	E 🗔 INTER	HALLY HEATED	UMDERGROUND		
1.2		CK ALL APPLICAS			OPEN TO		INSULATED L	OTHER [
12.	11- 1		A FLOATING RO F ROOF: DOUBL		E FOLLOWING INFO		ATHER []	DESCRIBE		
l			F SEAL:			~		DESCRIBE		
						• 🗆	0THER			
13.	IF T	ANK IS TO HAVE	F SHELL TRUCTION: "A ANY OTHER TYP	E OF ROOF OR	COVER (OR NONE AT			DESCRIBE		
14.	14. VENT VALVE DATA: INDICATE TYPE, NUMBER, SETTINGS AND VAPOR DISPOSAL:									
			NUMBER	PRESSURE	VACUUM	T	DISCHARGING	to: (CHECK)		
			NUMBER	SETTING	SETTING	ATMOSPHE	RE VAPOR CONTR	OL FLARE		
		COMBINATION	ļ <u> </u>			<u> </u>				
		PRESSURE	ļ. ———	<u> </u>						
		VACUUM	<u> </u>							
L		OPEN	1			<u> </u>	<u> </u>			
15.	NAME	ALL LIQUIDS, V	apors, gases sh Water	OR MIXTURES OF	F SUCH MATERIALS	TO BE STORE	D AN 3415 TANK:	(on)OA.P.1.		
16.		ERATURES AT WHI INUM TEMPERATURE		LISTED MATERIA	ALS ARE TO BE STO	ORED IN THIS Maximum tem	TANK: PERATUREOF	Ambient		
17.	(F M	ATERIAL STORED	IS A PETROLE		ANY OTHER TYPE OF	ORGANIC MA	TERIAL, SUPPLY TH	E FOLLOWING INFORMATION		
1		EACH MATERIAL:					SOLUTE AT	0.		
1	VAI	POR PRESSURE:	195.	KEID (OK)	LBS. PER	5Q. IX. AB		PETROLEUM PRODUCTS ONLY:		
	181	THAL BOILING PO	DINT:	٥,			FLASH POIN	it:O _F		
18.	OPER.	ATIONAL DATA:					3300	- 		
j		MUM FILLING RAT			. BARRELS PER HOU		2	GALLONS PER HOUR		
l	4.4	ERAGE OUTAGE: (AVERAGE DISTA	NCE FROM TOP C	F TANK SHELL TO	LIQUIG SURF		FT		
		EMAGE THROUGHPU			BARRELS PER DAY	(om) .		GALLONS PER DAY		
L	TAI	NK TURNOVERS PE	4 YEAR:	U TIE	or other	TIAL				
Г9,			Untor	, SUPPLY THE P	OLLOWING INFORMA	ITION:	Hydrocarbons	Chemicals		
l	co	NE OF SOLVENT:						<u></u>		
L			o: <u>0.1</u>	% BY WEIGHT	(ea)	- % BY VOL	IME (OR	FOLLOWING INFORMATION:		
20.	IF MA	TERIAL STORED	IS A GAS OR A			PETROLEUM PE	RODUCT, SUPPLY THE	FOLLOWING INFORMATION:		
1	•				Y THE MATERIAL:		0-			
ш		ILABORE AT WHICH	<u>m material 15</u>	3104ED:	LOS, PER	SG, IN GAGE				



STORAGE TANK SUMMARY

1. BUSINESS LICENSE NAME OF CORPORATION, COMPANY, INDIVIDUAL OWNER OR GOVERNMENTAL AGENCY UNDER WHICH APPLICATION 15 SUBMITTED: FISH ENGINEERING & CONSTRUCTION, INC.										
2. TANK LOCATION: FREEPORT, TEXAS										
3. TANK IDENTIFICATION (NUMBER OR NAME): T-7 Stripped Oil Settling Tank										
4. TANK CAPACITY: BARRELS GALLONS 32,092										
5, TANK DIMENSIONS: DIAMETER HEIGHT 9'5" LENGTH 40'0" WIDTH 11'10"										
6. TANK SHAPE: CYLINDRICAL SPHERICAL OTHER SHAPE 💟 GESCRIBE RECTANGULAR										
7. TANK MATERIALS OF CONSTRUCTION: STEEL A WOOD OTHER SPECIFY										
B. TANK PAINT: CHALKING WHETE LIGHT GREY SAX SEVE X A LUMINUM DARK COLOR OR NO PAINT										
9. TANK CONDITION: GOOD FAIR TO PODE -										
10. TANK STATUS: NEW CONSTRUCTION . ALTERATION . EXISTING										
11. TYPE OF TANK: FIXED ROOF XX PRESSURE INTERNALLY NEATED UNDERGROUND										
(CHECK ALL APPLICABLE) FLOATING ROOF OPEN TOP INSULATED OTHER										
12. IF TANK IS TO HAVE A FLOATING ROOF, SUPPLY THE FOLLOWING INFORMATION:										
TYPE OF ROOF: DOUBLE DECK PONTOON OTHER DESCRIBE										
TYPE OF SEAL: SINGLE DOUBLE DOTHER DESCRIBE										
TYPE OF SHELL										
Construction:										
13. IF TANK IS TO HAVE ANY OTHER TYPE OF ROOF OR COVER (OR NONE AT ALL), DESCRIBE:										
14. VENT VALVE DATA: INDICATE TYPE, NUMBER, SETTINGS AND VAPOR DISPOSAL:										
NUMBER PRESSURE VACUUM DISCHARGING TO: (CHECK)										
SETTING SETTING ATMOSPHERE VAPOR CONTROL FLARE										
SETTING SETTING ATMOSPHERE VAPOR CONTROL FLARE COMBINATION 1 1.0 PSI 0.5 PSI X										
COMBINATION 1 1.0 PSI 0.5 PSI X										
COMBINATION 1 1.0 PSI 0.5 PSI X PRESSURE										
COMBINATION 1 1.0 PSI 0.5 PSI X PRESSURE VACUUM OPEN 15 NAME ALL LIGUEDS VAROUS CASES OF MIXTURES OF SHEW MATERIALS TO BE STORED IN THIS TANK										
COMBINATION 1 1.0 PSI 0.5 PSI X PRESSURE VACUUM OPEN 15. NAME ALL LIQUIDS, VAPORS, GASES OR MIXTURES OF SUCH MATERIALS TO BE STORED IN THIS TANK: Water, Hydrocarbons OENSITY:										
COMBINATION 1 1.0 PSI 0.5 PSI X PRESSURE VACUUM OPEN 15. NAME ALL LIQUIDS, VAPORS, GASES OR MIXTURES OF SUCH MATERIALS TO BE STORED IN THIS TANK: Water Hydrocarbons OEMSITY: LBS/GAL. (OR)										
COMBINATION 1 1.0 PSI 0.5 PSI X PRESSURE VACUUM OPEN 15. NAME ALL LIQUIDS, VAPORS, GASES OR MIXTURES OF SUCH MATERIALS TO BE STORED IN THIS TANK: Water Hydrocarhons OENSITY: LBS/GAL. (OR)OA.P. 16. TEMPERATURES AT WHICH THE ABOVE LISTED MATERIALS ARE TO BE STORED IN THIS TANK: MINIMUM TEMPERATUREOF MAXIMUM TEMPERATUREOF Ambient 17. IF MATERIAL STORED IS A PETROLEUM PRODUCT OR ANY OTHER TYPE OF DRGANIC MATERIAL, SUPPLY THE FOLLOWING INFORMATION										
COMBINATION 1 1.0 PSI 0.5 PSI X PRESSURE VACUUM OPEN 15. NAME ALL LIQUIDS, VAPORS, GASES OR MIXTURES OF SUCH MATERIALS TO BE STORED IN THIS TANK: Water Hydrocarhons OENSITY:										
COMBINATION 1 1.0 PSI 0.5 PSI X PRESSURE VACUUM OPEN 15. NAME ALL LIQUIDS, VAPORS, GASES OR MIXTURES OF SUCH MATERIALS TO BE STORED IN THIS TANK: Water Hydrocarbons OEMSITY: LBS/GAL. (OR) MAXIMUM TEMPERATURE OF MAXIMUM TEMPERATURE OF MAXIMUM TEMPERATURE OF TO MAXIMUM TEMPERATURE OF TO MAXIMUM TEMPERATURE OF TO MAXIMUM TEMPERATURE OF FOR EACH MATERIAL STORED IS A PETROLEUM PRODUCT OR ANY OTHER TYPE OF ORGANIC MATERIAL, SUPPLY THE FOLLOWING INFORMATION FOR EACH MATERIAL: (ATTACH ADDITIONAL SHEETS, IF NECESSARY). VAPOR PRESSURE: LBS. REID (OR) LBS. PER SQ. IN. ABSOLUTE ATOF										
COMBINATION 1 1.0 PSI 0.5 PSI X PRESSURE VACUUM OPEN 15. NAME ALL LIQUIDS, VAPORS, GASES OR MIXTURES OF SUCH MATERIALS TO BE STORED IN THIS TANK: Water Hydrocarbons OENSITY: LBS/GAL. (OR) OA.P. 16. TEMPERATURES AT WHICH THE ABOVE LISTED MATERIALS ARE TO BE STORED IN THIS TANK: MINIMUM TEMPERATURE OF MAXIMUM TEMPERATURE OF MAXIMUM TEMPERATURE OF TOR EACH MATERIAL STORED IS A PETROLEUM PRODUCT OR ANY OTHER TYPE OF DRGANIC MATERIAL, SUPPLY THE FOLLOWING INFORMATION FOR EACH MATERIAL: (ATTACH ADDITIONAL SHEETS, IF NECESSARY). VAPOR PRESSURE: LBS. REID (OR) LBS. PER SQ. IN. ABSOLUTE AT OF FOR HEAVY PETROLEUM PRODUCTS ONLY										
COMBINATION 1 1.0 PSI 0.5 PSI X PRESSURE VACUUM OPEN 15. NAME ALL LIQUIDS, VAPORS, GASES OR MIXTURES OF SUCH MATERIALS TO BE STORED IN THIS TANK: Water Hydrocarbons OEMSITY: LBS/GAL. (OR) MAXIMUM TEMPERATURE OF MAXIMUM TEMPERATURE OF MAXIMUM TEMPERATURE OF TO MAXIMUM TEMPERATURE OF TO MAXIMUM TEMPERATURE OF TO MAXIMUM TEMPERATURE OF FOR EACH MATERIAL STORED IS A PETROLEUM PRODUCT OR ANY OTHER TYPE OF ORGANIC MATERIAL, SUPPLY THE FOLLOWING INFORMATION FOR EACH MATERIAL: (ATTACH ADDITIONAL SHEETS, IF NECESSARY). VAPOR PRESSURE: LBS. REID (OR) LBS. PER SQ. IN. ABSOLUTE ATOF										
COMBINATION 1 1.0 PSI 0.5 PSI X PRESSURE VACUUM OPEN 15. NAME ALL LIQUIDS, VAPORS, GASES OR MIXTURES OF SUCH MATERIALS TO BE STORED IN THIS TANK: Water Hydrocathons OENSITY: LBS/GAL. (OR) OA.P. 16. TEMPERATURES AT WHICH THE ABOVE LISTED MATERIALS ARE TO BE STORED IN THIS TANK: MILITURE MICHIGATION OF MAXIMUM TEMPERATURE OF MAXIMUM TEMPERATURE 17. IF MATERIAL STORED IS A PETROLEUM PRODUCT OR ANY OTHER TYPE OF ORGANIC MATERIAL, SUPPLY THE FOLLOWING INFORMATION FOR EACH MATERIAL: (ATTACH ADDITIONAL SHEETS, IF NECESSARY). VAPOR PRESSURE: LBS. REID (OR) LBS. PER SQ. IN. ABSOLUTE AT OF FOR HEAVY PETROLEUM PRODUCTS ONLY INITIAL BOILING POINT: OF PLASH POINT: OF OR FLASH POINT: OF OF FOR HEAVY PETROLEUM PRODUCTS ONLY FLASH POINT: OR OR PRESSURE: OF FOR HEAVY PETROLEUM PRODUCTS ONLY FLASH POINT: OR OR PRESSURE: OF FOR HEAVY PETROLEUM PRODUCTS ONLY FLASH POINT: OR OR PRESSURE: OF FOR HEAVY PETROLEUM PRODUCTS ONLY FLASH POINT: OR OR PRESSURE: OR OR OR OR OR OR OR OR OR O										
COMBINATION 1 1.0 PSI 0.5 PSI X PRESSURE VACUUM OPEN 15. NAME ALL LIQUIDS, VAPORS, GASES OR MIXTURES OF SUCH MATERIALS TO BE STORED IN THIS TANK: Water Hydrocarbons OENSITY: LBS/GAL. (OR) OA.P. 16. TEMPERATURES AT WHICH THE ABOVE LISTED MATERIALS ARE TO BE STORED IN THIS TANK: MINIMUM TEMPERATURE OF MAXIMUM TEMPERATURE OF MAXIMUM TEMPERATURE OF TOR EACH MATERIAL STORED IS A PETROLEUM PRODUCT OR ANY OTHER TYPE OF ORGANIC MATERIAL, SUPPLY THE FOLLOWING INFORMATION FOR EACH MATERIAL: (ATTACH ADDITIONAL SHEETS, IF NECESSARY). VAPOR PRESSURE: LBS. REID (OR) LBS. PER SQ. IN. ABSOLUTE AT OF FOR HEAVY PETROLEUM PRODUCTS ONLY INITIAL BOILING POINT: OF 18. OPERATIONAL DATA:										
COMBINATION 1 1.0 PSI 0.5 PSI X PRESSURE VACUUM OPEN 15. NAME ALL LIQUIDS, VAPORS, GASES OR MIXTURES OF SUCH MATERIALS TO BE STORED IN THIS TANK: Water Hydrocathons OENSITY: LBS/GAL. (OR) OA.P. 16. TEMPERATURES AT WHICH THE ABOVE LISTED MATERIALS ARE TO BE STORED IN THIS TANK: MINIMUM TEMPERATURE OF MAXIMUM TEMPERATURE OF FOR EACH MATERIAL: (ATTACH ADDITIONAL SHEETS, IF NECESSARY). VAPOR PRESSURE: LBS. REID (OR) LBS. PER SQ. IN. ABSOLUTE AT FOR HEAVY PETROLEUM PRODUCTS ONLY FOR HEAVY PETROLEUM PRODUCTS ONLY FOR HEAVY PETROLEUM PRODUCTS ONLY FOR HEAVY PETROLEUM PRODUCTS ONLY FOR HEAVY PETROLEUM PRODUCTS ONLY FLASH POINT: OF BARRELS PER HOUR (OR) 3300 GALLONS PER HOUR										
COMBINATION I 1.0 PSI 0.5 PSI X PRESSURE VACUUM OPEN 15. NAME ALL LIQUIDS, VAPORS, GASES OR MIXTURES OF SUCH MATERIALS TO BE STORED IN THIS TANK: WATET. Hydrocarbons 16. TEMPERATURES AT WHICH THE ABOVE LISTED MATERIALS ARE TO BE STORED IN THIS TANK: MINIMUM TEMPERATURE 17. IF MATERIAL STORED IS A PETROLEUM PRODUCT OR ANY OTHER TYPE OF DRGANIC MATERIAL, SUPPLY THE FOLLOWING INFORMATION FOR EACH MATERIAL: (ATTACH ADOLITIONAL SHEETS, IF NECESSARY). VAPOR PRESSURE: LOS. REID (OR) LOS. PER SQ. IN. ADSOLUTE AT OF FOR HEAVY PETROLEUM PRODUCTS ONLY INITIAL BOILING POINT: OF BARRELS PER HOUR AVERAGE OUTAGE: (AVERAGE DISTANCE FROM TOP OF TANK SHELL TO LIQUID SURFACE) TANK TURNOVERS PER YEAR: 2										
COMBINATION 1 1.0 PSI 0.5 PSI X PRESSURE VACUUM OPEN 15. NAME ALL LIQUIDS, VAPORS, GASES OR MIXTURES OF SUCH MATERIALS TO BE STORED IN THIS TANK: Water. Hydrocathons 16. TEMPERATURES AT MICH THE ABOVE LISTED MATERIALS ARE TO BE STORED IN THIS TANK: MINIMUM TEMPERATURE 17. IF MATERIAL STORED IS A PETROLEUM PRODUCT OR ANY OTHER TYPE OF DRGANIC MATERIAL, SUPPLY THE FOLLOWING INFORMATION FOR EACH MATERIAL: (ATTACH ADDITIONAL SHEETS, IF NECESSARY). VAPOR PRESSURE: 18. OPERATIONAL DATA: MAXIMUM FILLING POINT: OF BARRELS PER HOUR (OR) SARRELS PER HOUR (OR) GALLONS PER HOUR AVERAGE OUTAGE: (AVERAGE DISTANCE FROM TOP OF TANK SHELL TO LIQUID SURFACE) BARRELS PER DAY (OR) GALLONS PER DAY										
COMBINATION I 1.0 PSI 0.5 PSI X PRESSURE VACUUM OPEN 15. NAME ALL LIQUIDS, VAPORS, GASES OR MIXTURES OF SUCH MATERIALS TO BE STORED IN THIS TANK: Water. Hydrocathons OEMSITY: LBS/GAL. (OR) OA.P. 16. TEMPERATURES AT MICH THE ABOVE LISTED MATERIALS ARE TO BE STORED IN THIS TANK: MIXIMUM TEMPERATURE OF NAXIMUM SEMPERATURE OF NAXIMUM SEMPERATURE OF ANTIMUM TEMPERATURE OF FOR HEAVY PETROLEUM PRODUCT OR ANY OTHER TYPE OF ORGANIC MATERIAL, SUPPLY THE FOLLOWING INFORMATION FOR EACH MATERIAL: (ATTACH ADDITIONAL SHEETS, IF NECESSARY). VAPOR PRESSURE: LBS. PER SQ. IN. ABSOLUTE AT FOR HEAVY PETROLEUM PRODUCTS ONLY FLASH POINT: OF BARRELS PER HOUR AVERAGE OUTAGE: (AVERAGE DISTANCE FROM TOP OF TANK SHELL TO LIQUID SURFACE) TANK TURNOVERS PER YEAR: 2 19. IF MATERIAL STORED IS A SOLUTION, SUPPLY THE FOLLOWING INFORMATION: NAME OF SOLVENT: NAME OF MATERIAL DISSOLVED: NAME OF MATERIAL DISSOLVED:										
COMBINATION 1 1.0 PSI 0.5 PSI X PRESSURE VACUUM OPEN 15. NAME ALL LIQUIDS, VAPORS, GASES OR MIXTURES OF SUCH MATERIALS TO BE STORED IN THIS TANK: Water, Hydrocathons ONLY: LOS/GAL. OA.P. 16. TEMPERATURES AT WHICH THE ABOVE LISTED MATERIALS ARE TO BE STORED IN THIS TANK: MINIMUM TEMPERATURE. OF MAXIMUM TEMPERATURE. OF IT. IF MATERIAL STORED IS A PETROLEUM PRODUCT OR ANY OTHER TYPE OF ORGANIC MATERIAL, SUPPLY THE FOLLOWING INFORMATION FOR EACH MATERIAL: (ATTACH ADDITIONAL SHEETS, IF NECESSARY). VAPOR PRESSURE: LOS. REID (OR) LOS. PER SQ. IN. ABSOLUTE AT FOR HEAVY PETROLEUM PRODUCTS ONLY INITIAL BOILING POINT: OF ORAPPORT OF THE AVERAGE DISTANCE FROM TOP OF TANK SHELL TO LIQUID SURFACE) TANK TURNOVERS PER VEAR: 2 19. IF MATERIAL STORED IS A SOLUTION, SUPPLY THE FOLLOWING INFORMATION: NAME OF MATERIAL DISSOLVED: CONCENTRATION OF										
COMBINATION 1 1.0 PSI 0.5 PSI X PRESSURE VACUUM OPEN 15. NAME ALL LIQUIDS, VAPORS, GASES OR MIXTURES OF SUCH MATERIALS TO BE STORED IN THIS TANK: Water, Hydrocathons ONLY: LOS/GAL. OA.P. 16. TEMPERATURES AT WHICH THE ABOVE LISTED MATERIALS ARE TO BE STORED IN THIS TANK: MINIMUM TEMPERATURE. OF MAXIMUM TEMPERATURE. OF IT. IF MATERIAL STORED IS A PETROLEUM PRODUCT OR ANY OTHER TYPE OF ORGANIC MATERIAL, SUPPLY THE FOLLOWING INFORMATION FOR EACH MATERIAL: (ATTACH ADDITIONAL SHEETS, IF NECESSARY). VAPOR PRESSURE: LOS. REID (OR) LOS. PER SQ. IN. ABSOLUTE AT FOR HEAVY PETROLEUM PRODUCTS ONLY INITIAL BOILING POINT: OF ORAPPORT OF THE AVERAGE DISTANCE FROM TOP OF TANK SHELL TO LIQUID SURFACE) TANK TURNOVERS PER VEAR: 2 19. IF MATERIAL STORED IS A SOLUTION, SUPPLY THE FOLLOWING INFORMATION: NAME OF MATERIAL DISSOLVED: CONCENTRATION OF										
COMBINATION I 1.0 PSI 0.5 PSI X PRESSURE VACUUM OPEN 15. NAME ALL LIQUIDS, VAPORS, GASES OR MIXTURES OF SUCH MATERIALS TO BE STORED IN THIS TANK: Water. Hydrocathons OEMSITY: LBS/GAL. (OR) OA.P. 16. TEMPERATURES AT MICH THE ABOVE LISTED MATERIALS ARE TO BE STORED IN THIS TANK: MIXIMUM TEMPERATURE OF NAXIMUM SEMPERATURE OF NAXIMUM SEMPERATURE OF ANTIMUM TEMPERATURE OF FOR HEAVY PETROLEUM PRODUCT OR ANY OTHER TYPE OF ORGANIC MATERIAL, SUPPLY THE FOLLOWING INFORMATION FOR EACH MATERIAL: (ATTACH ADDITIONAL SHEETS, IF NECESSARY). VAPOR PRESSURE: LBS. PER SQ. IN. ABSOLUTE AT FOR HEAVY PETROLEUM PRODUCTS ONLY FLASH POINT: OF BARRELS PER HOUR AVERAGE OUTAGE: (AVERAGE DISTANCE FROM TOP OF TANK SHELL TO LIQUID SURFACE) TANK TURNOVERS PER YEAR: 2 19. IF MATERIAL STORED IS A SOLUTION, SUPPLY THE FOLLOWING INFORMATION: NAME OF SOLVENT: NAME OF MATERIAL DISSOLVED: NAME OF MATERIAL DISSOLVED:										

STORAGE TANK SUMMARY

1. BUSINESS LICENSE NA IS SUBMITTED:					'AL AGENCY UNDER W	HICH APPLICATION				
FISH ENGINEERING & CONSTRUCTION. INC. 2. TANK LOCATION: EREEPORT. TEXAS										
3. TANK IDENTIFICATION (NUMBER OR NAME): T-12 Product Storage Tank										
4. TANK CAPACITY:		BARF	TELS		GALLONS 5.8	45				
5. TANK DIMENSIONS: 01	AMETER513	3" HE 19	3HT	LENGTH	36'1" ***	н				
6. TANK SHAPE:	CYLII	IDRICAL 🔼	SPHERICAL	<u> </u>	HER SHAPE 🔲 DESC	R 1 8 E				
7. TANK MATERIALS OF C	ONSTRUCTION:	STEEL X	*000		OTHER . SPEC	<u> </u>				
8. TANK PAINT:	CHALKING	инэтЕ Ц	CHT CREY XXXXXX		A LUMENUM DARR	COLOR OR NO PAINT				
9. TANK CONDITION:		6000 🗖	FAIR	<u>& </u>	POOR					
TO, TANK STATUS:		RUCTION	AL TERATION		sting					
11. TYPE OF TANK: (GHECK ALL APPLICAS		ED ROOF [X]	PRESSURE OPEN TOP	_	LY MEATED	UNDERGROUND L				
12. IF TANK IS TO HAVE		_ 								
TYPE O	F ROOF: COURT	E DECK	PONTOON	□ .	OTHER 🔲 DESC	AIBE				
		SINGLE 🔲	OOUBLE		OTHER 🔲 DESC	A 19E				
TYPE O	F SHELL TRUCTION: 7	RIVETED	WELDED		OTHER 🔲 DESC	R18E				
13. IF TANK IS TO HAVE	ANY OTHER TYP	E OF ROOF OR CO	VER OR NONE AT	ALL), DESCRIBE	4					
14, VENT VALVE DATA: IN	IDICATE TYPE,	NUMBER, SETTING	GS AND VAPOR DISE	OSAL:						
	NUM BE R	PRESSURE	VACUUM		DISCHARGING TO:					
<u> </u>	<u> </u>	SETTING	SETTING	ATMOSPHERE	VAPOR CONTROL	FLARE				
COMBINATION PRESSURE	1 									
VACUUM	+		 		 					
OPEN	 		1			· · · · · · · · · · · · · · · · · · ·				
15. NAME ALL LIQUIDS, V	APORS, GASES	OR MIXTURES OF	SUCH MATERIALS	O BE STORED II	THIS TANK:	<u>.</u>				
Hydrocarbon						(n)(no)				
MINIMUM TEMPERATUR	0 F		9	AXIMUM TEMPERA	TUREOF Am					
17. IF MATERIAL STORED IS A PETROLEUM PRODUCT OR ANY OTHER TYPE OF ORGANIC MATERIAL, SUPPLY THE FOLLOWING INFORMATION FOR EACH MATERIAL: (ATTACH ADDITIONAL SHEETS, IF NECESSARY).										
VAPOR PRESSURE: LOS. RETO TOR 2.7. LOS. PER SQ. IN. ABSOLUTE AT 90 OF										
INTTIAL BOLLING P	OINT:	o. Methyles	thvl Ketone		FOR HEAVY PET	ROLEUM PRODUCTS ONLY:				
18, OPERATIONAL DATA:		,			_ 					
MAXIMUM FILLING RATE: BARRELS PER HOUR (OR) 55 GALLONS PER HOUR										
MAXIMUM FILLING RAT	E:		BARRELS PER HOUR	(OR)		. GALLONS PER HOUR				
MAXIMUM FILLING RAT AVERAGE OUTAGE: (. GALLONS PER HOUR				
i .	AVERAGE DISTA	NCE FROM TOP OF	TANK SHELL TO L	IQUIO SURFACE)						
AVERAGE OUTAGE: (AVERAGE THROUGHPU TANK TURNOVERS PE	AVERAGE DISTA	NCE FROM TOP OF	TANK SHELL TO L	(OR)	(
AVERAGE OUTAGE: (AVERAGE DISTA T:	NCE FROM TOP OF	TANK SHELL TO L BARKELS PER DAY , LLOWING INFORMAT	(OR)						
AVERAGE OUTAGE: (AVERAGE THROUGHPU TANK TURNOVERS PE T9, IF MATERIAL STORED MAME OF SOLVENT: CONCENTRATION OF	AVERAGE DISTA T:	, SUPPLY THE FO	TAME SHELL TO L BARRELS PER DAY LLOWING INFORMAT E OF MATERIAL DI	(OR)		GALLONS PER DAY .				
AVERAGE OUTAGE: (AVERAGE THROUGHPU TANK TURNOVERS PE T9, IF MATERIAL STORED MAME OF SOLVENT: CONCENTRATION OF	AVERAGE DISTA T:	, SUPPLY THE FO	TAME SHELL TO L BARRELS PER DAY LLOWING INFORMAT E OF MATERIAL DI	(OR)		GALLONS PER DAY .				
AVERAGE OUTAGE: (AVERAGE THROUGHPU TANK TURNOVERS PE 19, IF MATERIAL STORED MAME OF SOLVENT:	AVERAGE DISTA T:	, SUPPLY THE FO	TAME SHELL TO L BARRELS PER DAY LLOWING INFORMAT E OF MATERIAL DI	IQUID SURFACE) (OR) ION: ISOLVED: \$ 8Y YOLUME TROLEUM PRODU		GALLONS PER DAY .				

STORAGE TANK SUMMARY

2,25

1. BUSINES IS SUBM			TION, COMPANY, ENGINEERING			AL AGENCY UNDER W	MICH APPLICATION		
2. TANK LOCATION: FREEPORT TEXAS									
3. TANK IDENTIFICATION (NUMBER OR NAME): T-12 Wash Water Vacuum Tank									
4. TANK CA	PAC1TY:	<u> </u>	BARR	ELS	<u></u>	GALLONS 90	10		
5, TANK DIN	MENSIONS: DIA	METER 3 *	'0" HEIG	нт	LENGTH	17'0" *101	н		
6. TANK SH	APE:	CYLIN	IDRICAL 🔯	SPHERICA	. 🗀 отн	IER SHAPE 🔲 DESC	R18E		
7. TANK MA	TERIALS OF CO	NSTRUCTION:	STEEL 🖾	*0 0	· 🗆	OTHER 🔲 SPEC	1FY		
8. TANK PA	INT:	CHALKING	: жнэт е 🗔 — 510	HT GREY XXXXXX	(A LUMINUM 🔲 DARI	COLOR OF NO PAINT		
9. TANK CO	NDITION:		6000 🖾	, FA ti	, O	P00R 🔲			
TO, TANK ST	ATUS:	NEW CONSTR	DETION (32)	ALTERATIO	ů	 _			
11. TYPE OF	TANK:	FIX	O ROOF X	PRESSUR	INTERMALL	Y HEATED	UNDERGROUND 🗀		
	ALL APPLICABL	•		OPEN TO	<u> </u>	MSULATED .	OTHER [
FZ. IF TANK		ROOF; DOUBL	OOF, SUPPLY THE	FOLLOWING INFOR		OTHER [] DESC	GR 1 0 E		
İ	TYPE OF		SINGLE -	00081	=		A 106		
	TYPE OF	SHELL RUCTION: P	IIVETED 🔲	#ELDE	۵	OTHER 🔲 DESC			
13. IF TANK IS TO HAVE ANY OTHER TYPE OF ROOF OR COVER (OR NONE AT ALL), DESCRIBE:									
14. VENT VA	LVE DATA: INE	DICATE TYPE,	NUMBER, SETTING	S AND VAPOR DIS	POSAL:				
None	≥ 1	NUMBER	PRESSURE	VACUUM SETTING		DISCHARGING TO:			
	COMBINATION		SETTING	3211144	ATWOSPHERE	VAPOR CONTROL	FLARE		
	PRESSURE	-							
	VACUUM			-		 			
ļ	OPEN	·	- <u>-</u>						
15. NAME AL	!	L	OR MIXTURES OF	SUCH MATERIALS	TO BE STORED IN	THIS TANK:			
	Water	•	LISTED MATERIAL		DENSITY: 8 -2	14 LBS/GAL.	(OR)OA.F.I.		
	TURES AT WHILE TEMPERATURE	_	FISIED MAISHIAL		MED IN IMIS IAN Maximum Tempera				
17. IF MATE	RIAL STORED	IS A PETROLE	IM PRODUCT OR AN				OLLOWING INFORMATION		
-	FOR EACH MATERIAL: (ATTACH ADDITIONAL SHEETS, IF NECESSARY).								
YAPOR PRESSURE: LES. REID (OR) LBS. PER SQ. IN. ABSOLUTE ATOF FOR HEAVY PETROLEUM PRODUCTS ONLY:									
INITI	AL BOILING PO	INT:	_0 _F			FLASH POINT:	0 _F		
18. OPERATI	ONAL DATA:								
MAXIMUM FILLING RATE: BARRELS PER HOUR (OR) GALLONS PER HOUR									
AVERAGE OUTAGE: (AVERAGE DISTANCE FROM TOP OF TANK SHELL TO LIQUID SURFACE)FT									
AVERAGE THROUGHPUT: BARRELS PER DAY (OR) GALLONS PER DAY									
TANK TURNOVERS PER YEAR:									
9. IF MATERIAL STORED IS A SOLUTION, SUPPLY THE FOLLOWING INFORMATION:									
NAME OF SOLVENT: MANE OF MATERIAL DISSOLVED:									
MATERIAL DISSOLVED: % BY WEIGHT (OR) % BY VOLUME (OR LBS./GALLON 20. IF MATERIAL STORED IS A GAS OR A LIQUIFIED GAS WHICH IS NOT A PETROLEUM PRODUCT, SUPPLY THE FOLLOWING INFORMATION:									
20. IF MATER									
	IDENTIFY THE MATERIAL:								
PRESSURE AT WHICH MATERIAL IS STORED: LBS. PER SQ. IN. GAGE ATOF									

STORAGE TANK SUMMARY

$\mathcal{Z}_{\mathcal{P},\gamma}$		g Kar
	-	1000

_												
٦.			S LICENSE NAM			INDIVIDUAL OWNER				ER WHICH	APPLICATIO	N
2,	TAN	K LO	CATION:		EEPORT, TE							
3.	TANI	(ID	ENTIFICATION	INUMBER OR N	AME):	Γ−14 Wash W	ater	Vacuum	Tank			
4.	TAN	CA	PACITY:		845	RELS			GALLONS	6000		
5.	TANK	K D IA	MENSIONS: DIA	METER)11 не	I GHT		LENGTH2	0!0"	WIDTH		
6.	TAN	K SH	APE:	CATIN	DRICAL X	SPHERICAL		отне	R SHAPE	DESCRIBE		
7.	TANI	K MA	TERIALS OF CO	NSTRUCTION:	STEEL X	*000			OTHER 🗀	SPECIFY		
8.	TAN	K PA	INT:	CHALKING	WHITE L	IGHT GREY THE THEOLE	\square	A	LUMINUM 🗀	DARK COL	OR OR NO PA	<u>:</u>
9.	TAN	K ÇO	NDITION:		6000 🛛	FAIR			P00R			
10.	, TAN	K ST	ATUS:	NEW CONSTR	UCTION 💟	ALTERATION						
11.			F TANK:		D ROOF	PRESSURE	_		HEATED 🛄	_	UNDERGRO	
-			ALL APPLICABL			OPEN TOP			SULATED		170	HER 🔲
²	. 18	IAN		A FLOATING RO ROOF: DOUBL	· —	FOLLOWING INFORT		4:	ATUE =	05560184	·	
				SEAL:	=	DOUBLE			OTHER [
						WELDED	=		OTHER -			
13.	· IF	TANK	IS TO HAVE A	SHELL RUCTION: R NY OTHER TYP	E OF ROOF OR C	OVER OR NONE AT		DESCRIBE:		DESCRIBI		
ᆫ			· · · · · · · · · · · · · · · · · · ·			NGS AND VAPOR DIS		-				
֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓	-		110		PRESSURE	VACUUM	USAL:		DISCHARGING	10: (CHE	(CK)	
	NO	ne		NUM BE R	SETTING	SETTING	ATM	OSPHERE	VAPOR CONT	ROL	FLARE	
			COMBINATION									
			PRESSURE		<u>. </u>			·	<u> </u>			
			VACUUM]						·
			OPEN						<u> </u>			
15.		ε AL ate		PORS, GASES	OR MIXTURES OF	SUCH MATERIALS	70 BE :#30	STORED IN	THIS TANK:	. (on) <u> </u>	
16.	TEM	PERA	TURES AT WHIC		LISTED MATERIA	ALS ARE TO BE STO	ED IN	THIS TANK				
17	MIN.	MATE	RIAL STORED	S A PETROLEL	M PRODUCT OR	ANY OTHER TYPE OF	ORGAN	M TEMPERAT	URE —— DF_ LL, SUPPLY T	HE FOLLO	WING INFORMA	ATION
	FOR	EAC	H MATERIAL:	ATTACH ADDIT	FIONAL SHEETS,	IF NECESSARY).						
	٧,	POR	PRESSURE:	L95.	REID (OR)	LOS. PER	\$Q, I	M. ABSOLUT			UM PRODUCTS	ONLY:
	t p	((T 1 :	AL BOILING PO	INT:	or				FLASH POI			O.
18			ONAL DATA:	,								
-	MAX	MUM	FIGLING RATE	:	-	BARRELS PER HOUR		(or)	_ 	GAL	LONS PER HO	UR
				'		F TANK SHELL TO L						
	41	ARBV	GE THROUGHPU T	:		BARRELS PER DAY		(on)		GAL	ONS PER DAY	
Ĺ.	1,	ANK	TURNOVERS PER	YEAR:	CURRY STATE OF	OLLOWING INFORMAT	1Ab:					
т¥.						OLLOWING INFORMAT ME OF MATERIAL DI		: n ·				
		ONCE	INTRATION OF									
20	16.4	ATE	HAL DISSOLVE	CA CAS OR *	% BY WEIGHT	(on)	TPAL	Y YOLUME	(OR	E FOLLOW	S. GALLON	TION
20.	. ir N	UR I E	TIAL STORED ()	A WAS UK A		THE MATERIAL: _			-,			
i 		RES	SURE AT WHICH	MATERIAL IS		LOS. PER S			Op			
_		_									· · · · · · · · · · · · · · · · · · ·	

STORAGE TANK SUMMARY

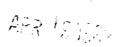
Asp Control

1. BUSINESS LICENSE NA	45 OF CODBOB!	TACK COLEMN	IND INCOME OF	D OD COVERNMENTA	L ACTION DESCRIPTION	1104 4881 1047 (0)
IS SUBMITTED:						HICK APPLICATION
2. TANK LOCATION:		EPORT, TEXA		UCTION, INC		
3. TANK IDENTIFICATION		(44.6.)				
		<u>T</u>	-15 Slop C	il Tank		
4. TANK CAPACITY:	150	BARA	ELS		GALLONS	
5. TANK DIMENSIONS: 01	METER	10" HE 16	янт <u>8'0"</u>	LENGTH	#107	h
6. TANK SHAPE:	CYL 11	IDRICAL 🖾	SPHERICA	. 🔲 отні	ER SHAPE 🗀 DESC	A 186
7. TANK MATERIALS OF C	ONSTRUCTION:	STEEL X	*00	· 🗆	OTHER 🔲 SPEC	IFY
8. TANK PAINT:	CHALKING	WHITE L	CHT GREY XXXXXX	. 🔼A	LLUMENUM DAR	COLOR OR NO PAINT
9. TANK CONDITION:		6000 🔀	EAT!		POOR	
10, TANK STATUS:	NEW CONST	NUCTION 🔯	ALTERATIO	۵.		
11. TYPE OF TANK:	FIX	ED ROOF 🔯	PRESSUR	E :NTERNALC	Y HEATED	UNDERGROUND
TCHECK ALL APPLICAB	LE) FLOATI	16 ROOF 🔲	OPEN TO	• 🗀 🔐	NSULATED 🔲	OTHER 🛄
12. IF TANK IS TO HAVE	A FLOATING R	OOF, SUPPLY THE	FOLLOWING INFOR	MATION:		
TYPE O	F ROOF: POUR	E DECK 🔲	PONTOG	· 🗆 .	OTHER 🔲 DESC	A 186
TYPE O	F SEAL:	SINGLE 🔲	DOUBLE	: 🗆	OTHER DESC	RISE
TYPE O	F SHELL Truction: 1	RIVETED 🗖	WELDE	· 🗆	OTHER DESC	
13. IF TANK IS TO HAVE	ANY OTHER TYP	E OF ROOF OR CO	VER (OR NONE AT	ALL), DESCRIBE:		
14. VENT VALVE DATA: IN						
114, VENT VALVE DATA: IN	DICATE TIPE,				DISCHARGING TO:	(curex)
}	NUMBER	PRESSURE SETTING	VACUUM SETTING	ATMOSPHERE	VAPOR CONTROL	FLARE
COMBINATION	†					
PRESSURE		 				
VACUUM			 	· ·	 	
OPEN	 		 			
15. NAME ALL LIQUIDS, V	APORS GASES	OR MIXTURES OF	SUCH MATERIALS	TO BE STORED IN	THIS TANK:	<u> </u>
Hydrocarbons				DEMSTTY:	LBS/GAL,	(OR)OA.P.i.
16. TEMPERATURES AT WHI MINIMUM TEMPERATURE		LISTED MATERIAL			C: Ture ——Or Am	hient
17. IF MATERIAL STORED	15 A PETROLE	UM PRODUCT OR AN	Y OTHER TYPE OF	ORGANIC MATERIA	AL, SUPPLY THE F	OLLOWING INFORMATION
FOR EACH MATERIAL:		•			_	
YAPOR PRESSURE:	L8\$.	RE 10 (OR)	L8\$, PER	SQ. IN. ABSOLUT		ROLEUM PRODUCTS ONLY:
ENITIAL BOILING PO)1NT:	_0;	_		FLASH POINT:	0 _F
18. OPERATIONAL DATA:				-		
MAXIMUM FILLING RAT	£ :		BARRELS PER HOUI	1 (pa)	,	GALLONS PER HOUR
AVERAGE OUTAGE: (AVERAGE DISTA	INCE FROM TOP OF	TANK SHELL TO	LIQUIO SURFACE}_		FT
AVERAGE THROUGHPU	•		BARRELS PER DAY	(on)		GALLONS PER DAY .
TANK TURNOVERS PE						
	E A COLUTION	I. SUPPLY THE FO	LLOWING INFORMA	TION:		
19. IF MATERIAL STORED	IS A SOLUTION	,				
MAME OF SOLVENT:				\$50LVED:		
NAME OF SOLVENT: Concentration of		NAMI	E OF MATERIAL DI			_ LBS./GALLON
MAME OF SOLVENT: CONCENTRATION OF MATERIAL DISSOLVE	0:	NAMI	E OF MATERIAL DI	. % AY YOLUME	[os	LBS./GALLON LLUWING INFORMATION:
CONCENTRATION OF	0:	. % BY WEIGHT	E OF MATERIAL DI	- % BY YOLUME PETROLEUM PRODUC	[os	

STORAGE TANK SUMMARY

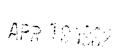
12 STEW				E CONSTRUCT		L AGENCY UNDER I	HICH APPLICATION
2. TANK LO	CATION:		RT. TEXAS	<u> </u>			
3, TANK ID	ENTIFICATION		-,	-8 Gasoli	ne Storage 1	Γank	
4. TANK CA	PACITY:		BAR	RELS		GALLONS 3,	117
5. TANK DI	MENSIONS: DIA	1ETER5	411 HEI	GHT	LENGTH	1814" #101	r=
6. TANK SH	IAPE:	CAF 1V	IDRICAL 🎞	SPHERICA	0 TH	ER SHAPE DES	CRIBE
7. TANK MA	TERIALS OF CO	NSTRUCTION:	STEEL X	#00	. .	OTHER 🔲 SPE	
8. TANK PA	UNT:	CHALKING	. WHITE	GHT GREY OK NEW		LUMENUM DAR	K COLOR OR NO PAINT
9. TANK CO	NDITION:		6000	FAI	• 🖾	POOR 🗀	
10. TANK 51	TATUS:	NEW CONSTR	OCTION .	ALTERATIO	Exist	ing	
II. TYPE O	F TANK:	FtX	EO ROOF 💢	PRESSUR	E 🔲 INTERNALL	Y HEATED 🔲	UNDERGROUND 🗀
(CHECK	ALL APPLICABL	E) FLOATIN	G ROOF 🔲	OPEN TO	· 🗀 '	NSULATED 🔲	OTHER 🔲
12. IF TANI	K IS TO HAVE A	FLOATING R	OOF, SUPPLY THE	FOLLOWING INFO	MATION:		
Ì	TYPE OF	ROOF: DOUBL	E DECK 🗀	PONTO	× 🗆	OTHER 🔲 DES	CR18E
	TYPE OF		SINGLE 🔲	00081		OTHER 🔲 DES	CR 186
ł	TYPE OF	SHELL RUCTION: F	1146160 🔲	WELDE	• 🗆	OTHER 🔲 DES	CRIBE
13. IF TANK	IS TO HAVE A	NY OTHER TYP	E OF ROOF OR C	OVER FOR NONE AT	ALL), DESCRIBE	-	
A VENT V	ALVE DATA INC	UCATE TYPE	AURIDED SETTIN	GS AND VAPOR DIS	PACAL .		
TENT 12			PRESSURE	VACUUM	r osac:	DISCHARGING TO:	(CHECK)
		NUMBER	SETTING	SETTING	ATMOSPHERE	VAPOR CONTROL	FLARE
}	COMBINATION						
}	PRESSURE			}			
	VACUUM						
	OPEN	, ,			X	<u> </u>	
15. NAME AL	L LIQUIDS, VA	PORS, GASES	OR MIXTURES OF	SUCH MATERIALS	TO BE STORED IN	THIS TANK:	
15 TEMPER	Gasolir	N THE AROVE	1 ISTED MATERIA	S ARE TO BE STO	RED IN THIS TANK	LBS/GAL,	(on)Ox.P.1.
MINIMU	M TEMPERATURE.	OF		·	MAXIMUM TEMPERAT	TUREOF _ ATI	hient
					ORGANIC MATERI	AL, SUPPLY THE F	OLLOWING INFORMATION
FOR EAC	DE MATERIAL: (ATTACH ADOL	TIONAL SHEETS,	IF NECESSARY!.	** ** *****	TE AT 90 0+	
\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	PRESSURE:	<u> </u>	#E10 10#7	403. FER	30. 7N. NE3DEU		ROLEUM PRODUCTS ONLY:
18171	AL BOILING PO	INT:	_0 _F			FLASH POINT:	o _F
18. OPERATI	ONAL DATA:				-	0000	
	FILLING RATE			SARRELS PER HOU			_ GALLONS PER HOUR
AVERA	GE OUTAGE: (A	VERAGE DISTA	HCE FROM TOP OF	TANK SHELL TO	LIQUID SURFACE).	<u> </u>	FT
ž.	GE THROUGHPUT			BARRELS PER DAY			GALLONS PER DAY
TANK	TURNOVERS PER	YEAR:	4				
19, IF MATE	RIAL STORED I	S A SOLUTION	, SUPPLY THE FO	LLOWING INFORMA	TION:		
			NAN	E OF MATERIAL D	\$\$01.4EB:		
MATE	EHTRATION OF RIAL DISSOLVED):	% ay weight	(oa)	_ % BY VOLUME	lon	LBS./GALLOM
ZO. IF MATE	RIAL STORED IS	A GAS OR A	LIQUIFIED GAS	WHICH IS NOT A	PETROLEUM PRODUC	T, SUPPLY THE FO	
Ì			IDENTIFY	THE MATERIAL:			
Pace	SHEE AT WORKS	MATERIAL IS	eropen.		SQ. IN. GAGE AT.	or	

STORAGE TANK SUMMARY



				_			
1. BUSINESS LICENSE	NAME OF CORPOR	ATION, COMPANY,	INDIVIDUAL OWNER	R OR GOVERNMENT	AL AGENCY UND	ER WHICH A	PLICATION
IS SUBMITTED;	FISH FNC	UNFFRING &	CONSTRUCTIO	N TNC			
2. TANK LOCATION:	FREEPORT		CONDINUCTIO		-, , <u></u> -		
3. TANK IDENTIFICAT	ON (NUMBER OR F	MAME): T	-10 Produc	t Storage :	l'ank		
4. TANK CAPACITY:		BAR	RELS		GALLONS	5,520	
5. TANK DIMENSIONS:	DIAMETER51	3 ⁷⁷ HE I	GHT	LENGTH	34'6"	WEDTH	
6, TANK SHAPE:	CYL1	NDRICAL 🖾	SPHERECAL	. 🗆 🔻	IER SHAPE	OESCRIBE	
7. TANK MATERIALS O	CONSTRUCTION:	STEEL 🔀	ж оо	, 	ОТНЕЯ 🔲	SPECIFY	
8. TANK PAINT:	CHALKIN	G WHITE L	I GHT GREY XXXXXX	· 🔽	A LUMENUM 🔲	DARK COLOR	0# NO PAINT
9, TANK CONDITION:		600B 🗖	, FA EI		P00# 🗀	<u>-</u>	
10, TANK STATUS:	HEW CONST	RUCTION .	ALTERATIO	Exist	ing		
11, TYPE OF TANK:	FIX	ED ROOF 📉	PRESSUR	INTERNALI	Y HEATED .		UNDERGROUND 🔲
ICHECK ALL APPLE	CABLE) FLOATI	NG ROOF	OPEN TO		NSULATED 🔲		OTHER 🔲
12. IF TANK IS TO HA	VE A FLOATING R	DOF, SUPPLY THE	FOLLOWING INFOR	MATION:			
	E OF MODE: DOUB	·	PONTOO		OTHER	DESCRIBE _	1
	-	_		=			
	E OF SEAL: E OF SHELL		00001	<u> </u>	OTHER	DESCRIBE _	
	01131K00110111	RIVETED .	WELDE		OTHER .	DESCRIBE _	
13. LE TANK IS TO HA	VE ANY OTHER TY	PE OF ROOF OR C	OVER LOR NONE AT	ALL), DESCRIBE	1		
14. VENT VALVE DATA:	INDICATE TYPE.	NUMBER, SETTIN	IGS AND VAPOR DIS	POSAL:			
•		PRESSURE	VACUUM		DISCHARGING	TO: (CHECK)
·	NUMBER	SETTING	SETTING	ATMOSPHERE	VAPOR CONT	ROL	FLARE
COMBINAT	ION						
PRESSURE							
VACUUM	_						
OPEN		 	· † · · · · · · · · · · · · · · · · · ·		-		
15. NAME ALL LIQUIDS	VAPORS GASES	OR MIXTURES OF	SUCH MATERIALS	TO BE STORED IN	THIS TANK:		
Hydrocar	oons. Chemi	cals		DEMSITY:	LBS/GA	L. COAL	OA.P.E.
16. TEMPERATURES AT	WHICH THE ABOVE	LISTED MATERIA	LS ARE TO BE STO	RED IN THIS TAN MAXIMUM TEMPERA	K:	Ambien	· +
MINIMUM TEMPERATION OF THE STORE THE	FD IS A PETROLE	UM PRODUCT OR A	NY OTHER TYPE OF	ORGANIC MATERI	AL. SUPPLY T	ME FOLLOWIN	
COD CACH MATERIA	I - (ATTACK ADDI	TIONAL SHEETS.	IF NECESSARY).		,		·
VAPOR PRESSURE	L85	REID (OR)	2.7 LOS. PER	59. IN. A850LU	TC_AT	_o_	
					FOR HEAVY	PETROLEUM	PRODUCTS ONLY:
		_or Methyle	thyl Ketone		FLASH POL	NT:	o _f
18. OPERATIONAL DATA				, , ,	5.5	_	
MAXEMUM FILLING					,		NS PER HOUR
AVERAGE OUTAGE	: (AVENAGE DIST	NHCE FROM TOP O	F TANK SHELL TO I	LIQUID SURFACE)	4	fT	1
AVERAGE THROUG	_		BARRELS PER DAY	(OR)	 	GALLON	S PER DAY
TANK TURNOVERS							
19. IF MATERIAL STOR	D IS A SOLUTION	N, SUPPLY THE F	OLLOWING INFORMA	TION:	- -		
		NA)	SE OF MATERIAL DI	350LVED:			
CONCENTRATION MATERIAL DISSO		1 0V WELCHT	(on)	4 av	lan		/GALLON
MATERIAL DISSO	D IS A GAS OR A	LIQUIFIED GAS	WHICH IS NOT A	ETROLEUM PRODU	CT, SUPPLY TH	E FOLLOWING	G INFORMATION:
			Y THE MATERIAL:		, <u>. </u>		
PRESSIBE AT ME	ICH MATERIAL IS		LOS. PER		o _F		ļ

STORAGE TANK SUMMARY



		E OF CORPORA	TION, COMPAN	IY, INDIVIDUAL (WINER OR GO	OVERNMENTAL	L AGENCY UNDER	WHICH APPLICATION
12 2187	ATTED:	FISH I	ENGINEERI	NG & CONST	RUCTION	, INC.		
2. TANK LO	CATION:	FREEP(DRT. TEXA	S				
3. TANK ID	ENTIFICATION	(NUMBER OR N	AME):	T-11 Pro	luct St	orage T	ank	
4. TANK CA	PACITY:		- 1	BARRELS			GALLONS 5	,933
5. TANK DI	MENSIONS: DIA	METER5 1 5	5"	KE GHT		LENGTH <u>3</u>	3 1 4 11 #10	тн
6. TANK SI	IAPE :	CYL 1N	IORICAL 🖾	SPHER	ICAL 🗀		_	CRIBE
7. TANK MA	TERIALS OF CO	NSTRUCTION:	STEEL 🔯		*000		OTHER SPE	CIFY
8. TANK PA	UNT:	CHALKING	#HITE 🔲	LIGHT GREY TH	erak (X)	A	LUMINUM 🗀 DAR	K COLOR OF HO PAINT
9. TANK CO	ONDITION:		6000 🗖		FAIR 🕎 _		*00# 🔲	
10, TANK S	TATUS:	NEW CONSTR	LUCTFON -	AL TER	TION 🔲	Exis	ting	
II, TYPE O	F TANK:	FIXE	D ROOF X	PRES	SURE 🔲	ENTERNALLY	HEATED 🔲	UNDERGROUND
(CHECK	ALL APPLICABI	.E) FLOATIN	16 R00f 🔲	OP EN	TOP 🔲	1.0	SULATED 🔲	отне* 🗀
12. IF TAN	K IS TO HAVE	A FLOATING RE	OOF, SUPPLY	THE FOLLOWING I	FORMATION):		
Ì	TYPE OF	ROOF: POUBL	E DECK 🗀	PON	T 00N	•	OTHER 🔲 DES	CR186
		SEAL:	SINGLE 🔲	00	νοιε 🔲		OTHER 🔲 DES	CR (8E
	TYPE OF	SHELL PUCTION: P	LIVETED 🔲	WE	LOED 💭		OTHER 🔲 DES	CRISE
13. IF TANK	IS TO HAVE	NY OTHER TYP	E OF ROOF OF	COVER (OR NON	AT ALL),	DESCRIBE:	· ·- ·	
14 VENT V	ALVE DATA: IN	LCATE TYPE	NUMBER, SET	TINGS AND VAPOR	DISPOSAL			
	1	·	PRESSURE		13 03.2.		DISCHARGING TO:	(CHECK)
Ì		NUMBER	SETTING	SETTING	ATM	OSPHERE :	VAPOR CONTROL	FLARE
ŀ	COMBINATION						· · · · · · · · · · · · · · · · · · ·	<u> </u>
ļ	PRESSURE						,	
ļ	VACUUM							
	OPEN	1		- {		X		
				OF SUCH MATERI.	LS TO BE	STORED IN	THIS TANK:	(on)OA,P.1.
Hyd 16 TEMPER	rocarbons	<u>Chemica</u>	LISTED MATE	RIALS ARE TO BE	STORED IN	THIS TANK	L85/GAL.	(ON)
MINIMU	M TEMPERATURE	OF			MAXIMU	M TEMPERAT	UREOF	
						IC MATERIA	L, SUPPLY THE I	FOLLOWING INFORMATION
FOR EA	OH MATERIAL:	TACEA HOATTAN	FIONAL SHEET	s, if necessary	i. Oto ta li	A. ARSALUTI	90 0-	Ambient
						A. MOSULUII	FOR HEAVY PE	TROLEUM PRODUCTS ONLY:
INITI	AL BOILING PO	IN7:	o, Methy	lethyl Ket	ne		FLASH POINT:	o _r
18. OPERAT	ONAL DATA:		· — <u>-</u> · — —		·-			
MAXIMUM	FILLING RATE	:		BARRELS PER	HOUR ((om)	55	_ GALLONS PER HOUR
AVERA	IGE DUTAGE: (A	VERAGE DISTA	NCE FROM TOP	OF TANK SHELL	to resolo	SURFACE)		
AYERA	GE THROUGHPUT	:		BARRELS PER	PAY	(on)	<u>.</u>	_ GALLONS PER DAY
	TURNOVERS PER							
			•	FOLLOWING INFO				
				HAME OF MATERIA	L DISSOLVE	D:		
MATE	EMTRATION OF RIAL DISSOLVEI	o:	% BY WEIGHT	10R)	_ % = %	Y VOLUME	[on	183./GALLON
20. IF MATE	RIAL STORED I	S A GAS OR A	LIQUIFIED G	AS WHICH IS NOT	A PETROLE	UM PRODUC	T, SUPPLY THE F	OLLOWING INFORMATION:
				IFY THE MATERIA				
PAES	SURE AT WHICH	MATERIAL IS	STORED:	L05. P	ER 50. IN.	GAGE AT -		

STORAGE TANK SUMMARY



1. BUSINESS LICENSE IS SUBMITTED:			INDIVIDUAL OWNE		AL AGENCY UNDER W	MICH APPLICATION
2. TANK LOCATION:		T. TEXAS				
3. TANK IDENTIFICAT		NAME):	_16_1000 E	BL Wash Wa	ter Tank	
4. TANK CAPACITY:	101	DO BAR	RELS		GALLONS	
5. TANK DIMENSIONS:	DIAMETER2	1 '6" HE	GHT	LENGTH	#fDT	/H
6. TANK SHAPE:	CYLI	HDRICAL 💟	SPHERICA	∟ ОТН	IER SHAPE DESC	R18E
7. TANK MATERIALS (F CONSTRUCTION:	STEEL 🖔	*00	<u>. D</u>	OTHER - SPEC	IFY
8. TANK PAINT:	CHALKIN	G WHITE 🔲 L	IGHT GREY THE THUM	· 🔯	A LUMINUM 🔲 DARI	COLOR OR NO PAINT
9. TANK CONDITION:		600B 🕎	FAI	• 🗆	POOR 🗆	
10, TANK STATUS:	-	RUCTION 💟	ALTERATIO		· - -	
11. TYPE OF TANK:	FIX ICABLE) FLOATI	#G 800#	PRESSUR OPEN TO	E 🔛 INTERNALL • 🔀	Y HEATED [UNDERGROUND
12. IF TANK IS TO H						VIAZA (
TY	t of Roof: Doug	LE DECK 🗀	PONTOG	• 🗆 ·	OTHER 🔲 DESC	CR 16E
		SINGLE 🛄	000 86	: 🗀	OTHER 🛄 DESC	RIBE
	- O-43 - A-0 C - 1 O-4 :	REVETED 🔲	WELDE		OTHER 🔲 DESC	
13. IF TANK IS TO H	AVE ANY OTHER TY	PE OF ROOF OR C	OVER (OR NONE AT	ALL), DESCRIBE	;	
14. VENT VALVE DATA	: INDICATE TYPE,	NUMBER, SETTIN	IGS AND VAPOR DIS	POSAL:		
	NUMBER	PRESSURE	VACUUM		DISCHARGING TO:	
l 		SETTING	SETTING	ATMOSPHERE	VAPOR CONTROL	FLARE
COMBINAT PRESSURE			 	 	 	
VACUUM	· _	 	 		 	
OPEN	1	 	<u> </u>	v	- 	
15. NAME ALL LIQUID	S, VAPORS, GASES	OR MIXTURES OF	SUCH MATERIALS	TO BE STORED IN	THIS TANK:	
Wate	3 r		US ARE TO BE STO	DENSITY: OF TAN	14	(on)OA.F.1.
MINIMUM TEMPERA	TUREOF		<u>. </u>	MAXIMUM SEMPERA	TUREOF FIR	
	RED IS A PETROLE AL: (ATTACH ADD)			ORGANIC MATERI	AL, SUPPLY THE F	OLLOWING INFORMATION
VAPOR PRESSURE	:tss.	. REID (OR)	LOS. PER	50. IM. ABSOLU		ROLEUM PRODUCTS ONLY:
INITIAL BOILIN	G POINT:	_0 _F			FLASH POINT:	OF
18. OPERATIONAL DATA	Ų:				200	
MAXIMUM FILLING			BARRELS PER HOU		300	_ GALLONS PER HOUR
AVERAGE OUTAGE	: (AVERAGE DIST	ANCE FROM TOP O	F TANK SHELL TO	LIQUID SUMPACE)	<u>8</u> ,	FT
AVERAGE THROUG	KPUT:		BARRELS PER DAY	(on)		GALLONS PER DAY .
TANK TURNOVERS		SUPPLY THE F	OLLOWING INFORMA	TION		
1		,	AE OF MATERIAL OF			
CONCENTRATION	OF					
MATERIAL DISS	OLYED:	S INTEREST	WHICH IS NOT A	_ % SY VOLUME	(OR T. SUPPLY THE FO	LBS./GALLON CLUWING INFORMATION:
CO. IF MATERIAL SION	EU IS A GAS DR A		THE MATERIAL:			
********	HICH MATERIAL IS		LOS. PER		o _F	
WESSUNE AT						

STORAGE TANK SUMMARY

.								
Ľ	BUSINES:				y, individual own IG & CONSTRUC		L AGENCY UNDER W	HICH APPLICATION
2,	TANK LO	CATION:	FREEPO	RT, TEXAS				
3.	TANK IDE	ENTIFICATION	(NUMBER OR N	(AME) :	T-17 1000 B	BL Wash Wat	er Tank	
4.	TANK CAI	PACITY:	1000		ARRELS		GALLONS	
5.	TANK DIN	MENSIONS: DIA	METER <u>21'</u>	6'' н	EIGHT 16"0"	LENGTH	#10T	н
6.	TANK SH	APE:	CYLIN	IORICAL 🖾	SPHERIC	отн	ER SHAPE DESC	R I B E
7.	TANK MA	TERIALS OF CO	NSTRUCTION:	STEEL 🖾	*00	» 🗆	отнея 🔲 зрес	IFY
8.	TANK PA	INT:	CHALKING	#HITE	LIGHT GREYXORX SEX	uk i za	LUMINUM DARK	COLOR OR NO PAINT
9.	TANK CO	NDITION:		6000 🔼	FA	re C	P00# 🔲	
10.	. TANK ST	ATUS:	NEW CONSTR	RUCTION X	ALTERATIO	» 🗆		
III	TYPE OF	TANK:	FIX	ED ROOF	PRESSU	E INTERNALL	Y HEATED	UNDERGROUND .
•		ALL APPLICABL		_	OPEN TI	623	NSULATED -	07HER
<u> </u>							-30C#150 (OTHER L
۲2	, IF TANK			· —	THE FOLLOWING INFO		_	
1		TYPE OF	F ROOF: DOUBL	LE DECK LL	PONTO	» 🗀	OTHER DESC	KIBE
l				SINGLE 🔲	00000	.E 🗀	OTHER 🛄 DESC	R10E
1			F SHELL Truction: F	RIVETED 🗀	WELDE	: • 🗔	OTHER 🔲 DESC	RIDE
13	. IF TANK			E OF ROOF OR	COVER FOR NONE A	T ALL), DESCRIBE	·	
L					INGS AND VAPOR DE	<u> </u>		
J' ~ '	, 46.41 42	TAE DAIN: IN	TOTALE TITE,			3FUSAL:	DISCHARGING TO:	(curer)
1			Nume€≇	PRESSURE	VACUUM SETTING	ATMOSPHERE	VAPOR CONTROL	FLARE
Į				-			 	
		CAMBINATION.	1	1		1	!	}
l		COMBINATION	<u> </u>	(
		PRESSURE						
		PRESSURE VACUUM						
		PRESSURE VACUUM OPEN	1			X		
J	W	PRESSURE VACUUM OPEN L LIQUIDS, VA			OF SUCH MATERIALS	TO BE STORED IN	LOS/GAL.	(OR)OA.F.1.
J	. TEMPERA	PRESSURE VACUUM OPEN L LIQUIDS, V. ater TURES AT WHICE	THE ABOVE		OF SUCH MATERIALS	TO BE STORED IN DENSITY: 8	3/1 <u> </u>	(OR)OA.P.1.
16	W TEMPERA	PRESSURE VACUUM OPEN L LIQUIDS, VALET TURES AT WHICE	OH THE ABOVE	LISTED MATER	IALS ARE TO BE ST	TO BE STORED IN DENSITY: 8	34 LBS/GAL. (: Tureof?	MBIENT
16	. TEMPERA MINIMUM . IF MATE	PRESSURE VACUUM OPEN L LIQUIDS, VALET TURES AT WHICH TEMPERATURE RIAL STORED	THE ABOVE	LISTED MATER	IALS ARE TO BE ST	TO BE STORED IN DENSITY: 8	34 LBS/GAL. (: Tureof?	
16	TEMPERA MINIMUM IF MATE FOR EAC	PRESSURE VACUUM OPEN L LIQUIDS, V. ater TURES AT WHICE TEMPERATURE RIAL STORED MATERIAL:	THE ABOVE	LISTED MATER UM PRODUCT OR TIONAL SHEETS	TALS ARE TO BE ST	TO BE STORED IN DENSITY: 8 ORED IN THIS TAN MAXIMUM TEMPERA F ORGANIC MATERI	C: LBS/GAL. C: PURE OF P. AL, SUPPLY THE FO	MBIENT DLLOWING INFORMATION
16	TEMPERA MINIMUM IF MATE FOR EAC	PRESSURE VACUUM OPEN L LIQUIDS, V. ALET TURES AT WHICE TEMPERATURE RIAL STORED H MATERIAL: PRESSURE:	OF THE ABOVE OF IS A PETROLEI (ATTACH ADD)	LISTED MATER UM PRODUCT OF TIONAL SHEETS REID (OR)	TALS ARE TO BE ST R ANY OTHER TYPE OF	TO BE STORED IN DENSITY: 8 ORED IN THIS TAN MAXIMUM TEMPERA F ORGANIC MATERI	C AT OF FOR HEAVY PET	MBIENT
16	TEMPERA MINIMUM IF MATE FOR EAC VAPOR	PRESSURE VACUUM OPEN L LIQUIDS, V. ater TURES AT WHICE TEMPERATURE RIAL STORED MATERIAL:	OF THE ABOVE OF IS A PETROLEI (ATTACH ADD)	LISTED MATER UM PRODUCT OF TIONAL SHEETS REID (OR)	R ANY OTHER TYPE C , IF NECESSARY).	TO BE STORED IN DENSITY: 8 ORED IN THIS TAN MAXIMUM TEMPERA F ORGANIC MATERI	CL AT OF FOR HEAVY PET FLASH POINT:	MBIENT DLLOWING INFORMATION
17	TEMPERA MINIMUM IF MATE FOR EAC VAPOR INITI OPERATI	PRESSURE VACUUM OPEN L LIQUIDS, V. ALET TURES AT WHICE TEMPERATURE RIAL STORED H MATERIAL: PRESSURE: AL BOILING PO ONAL DATA: FILLING RATI	OH THE ABOVE OF IS A PETROLEI (ATTACH ADD) LOS.	LISTED MATER UM PRODUCT OF TIONAL SHEETS REID (OR)	ANY OTHER TYPE CO., IF NECESSARY). LOS. PEI	TO BE STORED IN DENSITY: 8 ORED IN THIS TAN MAXIMUM TEMPERA: F ORGANIC MATERI R SO. IH. ABSOLUT	CLAT OF FOR HEAVY PET FLASH POINT:	MBIENT DLLOWING INFORMATION ROLEUM PRODUCTS ONLY: OF
17	TEMPERA MINIMUM IF MATE FOR EAC VAPOR INITI OPERATI	PRESSURE VACUUM OPEN L LIQUIDS, V. ALET TURES AT WHICE TEMPERATURE RIAL STORED H MATERIAL: PRESSURE: AL BOILING PO ONAL DATA: FILLING RATI	OH THE ABOVE OF IS A PETROLEI (ATTACH ADD) LOS.	LISTED MATER UM PRODUCT OF TIONAL SHEETS REID (OR)	R ANY OTHER TYPE C , IF NECESSARY).	TO BE STORED IN DENSITY: 8 ORED IN THIS TAN MAXIMUM TEMPERA: F ORGANIC MATERI R SO. IH. ABSOLUT	CLAT OF FOR HEAVY PET FLASH POINT:	MBIENT DLLOWING INFORMATION ROLEUM PRODUCTS ONLY: OF
17	TEMPERA MINIMUM . IF MATE FOR EAC VAPOR INITII . OPERATI MAXIMUM AYERA	PRESSURE VACUUM OPEN L LIQUIDS, V. ALET TURES AT WHICE TEMPERATURE RIAL STORED H MATERIAL: PRESSURE: AL BOILING PO ONAL DATA: FILLING RATI	OH THE ABOVE OF OF IS A PETROLEI (ATTACH ADD) LOS. IENT: E: AVERAGE DISTA	LISTED MATER UM PRODUCT OR TIONAL SHEETS REID (OR).	ANY OTHER TYPE CO., IF NECESSARY). LOS. PEI	TO BE STORED IN DENSITY: 8 ORED IN THIS TAN MAXIMUM TEMPERA F ORGANIC MATERI R SQ. IN. ABSOLUT	SUPPLY THE FORE TORE OF PART O	MBIENT DLLOWING INFORMATION ROLEUM PRODUCTS ONLY: OF GALLOMS PER HOUR
16	TEMPERA MINIMUM IF MATE FOR EAC VAPOR INITI OPERATI MAXIMUM AYERA AYERA TANK	PRESSURE VACUUM OPEN L LIQUIDS, V. ALET TURES AT WHICE RIAL STORED CH MATERIAL: PRESSURE: AL BOILING PO ONAL DATA: FILLING RATI GE OUTAGE: [A GE THROUGHPUT TURNOVERS PER	OH THE ABOVE OF OF OF IS A PETROLEI (ATTACH ADD): LOS. HENT: E: AVERAGE DISTA	LISTED MATER UM PRODUCT OF TIONAL SHEETS REID (OR)	ANY OTHER TYPE CO., IF NECESSARY). BARRELS PER HOLE OF TANK SHELL TO	TO BE STORED IN DENSITY: 8 ORED IN THIS TAN MAXIMUM TEMPERA: F ORGANIC MATERI R SO. IN. ABSOLUT OR (OR) LIOUID SURFACE)	SUPPLY THE FORE TORE OF PART O	MBIENT DLLOWING INFORMATION ROLEUM PRODUCTS ONLY: OF GALLOMS PER HOUR
16	TEMPERA MINIMUM IF MATE FOR EAC VAPOR INITI OPERATI MAXIMUM AYERA AYERA TANK	PRESSURE VACUUM OPEN L LIQUIDS, V. ALET TURES AT WHICE RIAL STORED CH MATERIAL: PRESSURE: AL BOILING PO ONAL DATA: FILLING RATI GE OUTAGE: [A GE THROUGHPUT TURNOVERS PER	OH THE ABOVE OF OF OF IS A PETROLEI (ATTACH ADD): LOS. HENT: E: AVERAGE DISTA	LISTED MATER UM PRODUCT OF TIONAL SHEETS REID (OR)	R ANY OTHER TYPE CO., IF NECESSARY). LOS. PER BARRELS PER HOLE OF TANK SHELL TO	TO BE STORED IN DENSITY: 8 ORED IN THIS TAN MAXIMUM TEMPERA: F ORGANIC MATERI R SO. IN. ABSOLUT OR (OR) LIOUID SURFACE)	SUPPLY THE FORE TORE OF PART O	MBIENT DLLOWING INFORMATION ROLEUM PRODUCTS ONLY: OF GALLOMS PER HOUR
16	TEMPERA MINIMUM FOR EAC VAPOR INITI OPERATI MAXIMUM AVERA AVERA TANK IF MATE NAME	PRESSURE VACUUM OPEN L LIQUIDS, V. ALET TURES AT WHICE FILAL STORED MATERIAL: PRESSURE: AL BOILING PO ONAL DATA: FILLING RATI GE OUTAGE: [A GE THROUGHPUT TURNOVERS PER RIAL STORED OF SOLVENT:	OH THE ABOVE OF IS A PETROLEI (ATTACH ADD) LOS. IENT: E: AVERAGE DISTA	LISTED MATER UM PRODUCT OR TIONAL SHEETS REID (OR). OF	ANY OTHER TYPE CO., IF NECESSARY). BARRELS PER HOLE OF TANK SHELL TO	TO BE STORED IN DENSITY: 8 ORED IN THIS TANK MAXIMUM TEMPERA F ORGANIC MATERI R SO. IH. ABSOLUT UR (OR) LIOUID SURFACE) (OR) ATION:	SAL LBS/GAL. (: ATOF AL, SUPPLY THE FORE FOR HEAVY PET FLASH POINT: 800 8	MBIENT DLLOWING INFORMATION ROLEUM PRODUCTS ONLY: OF GALLOMS PER HOUR
16	TEMPERA MINIMUM IF MATE FOR EAC VAPOR INITI OPERATI MAXIMUM AYERA AVERA TANK IF MATE NAME CONCE	PRESSURE VACUUM OPEN L LIQUIDS, VACUUM TEMPERATURE RIAL STORED H MATERIAL: PRESSURE: AL BOILING PO ONAL DATA: FILLING RATI GE OUTAGE: [A GE THROUGHPUT TURNOVERS PER RIAL STORED OF SOLVENT: ENTRATION OF	OH THE ABOVE OF IS A PETROLEI (ATTACH ADD) LOS. IENT: E: AVERAGE DISTA	LISTED MATER UM PRODUCT OF TIONAL SHEETS REID (OR). OF	HALS ARE TO BE ST R ANY OTHER TYPE C S, IF NECESSARY). BARRELS PER HOL OF TANK SHELL TO BARRELS PER DAY FOLLOWING INFORM	TO BE STORED IN DENSITY: 8 ORED IN THIS TAN MAXIMUM TEMPERA F ORGANIC MATERI R SO. IN. ABSOLUT OR (OR) LIQUID SURFACE) (OR) ATION:	TURE OF ALL, SUPPLY THE FOR HEAVY PET FLASH POINT:	MRIENT DLLOWING INFORMATION ROLEUM PRODUCTS ONLY: OF GALLONS PER HOUR TT GALLONS PER DAY
16	TEMPERA MINIMUM IF MATE FOR EAC VAPOR INITI OPERATI MAXIMUM AYERA AVERA TANK IF MATE NAME CONCE	PRESSURE VACUUM OPEN L LIQUIDS, VACUUM TEMPERATURE RIAL STORED H MATERIAL: PRESSURE: AL BOILING PO ONAL DATA: FILLING RATI GE OUTAGE: [A GE THROUGHPUT TURNOVERS PER RIAL STORED OF SOLVENT: ENTRATION OF	OH THE ABOVE OF IS A PETROLEI (ATTACH ADD) LOS. IENT: E: AVERAGE DISTA	LISTED MATER UM PRODUCT OF TIONAL SHEETS REID (OR). OF	HALS ARE TO BE ST R ANY OTHER TYPE C S, IF NECESSARY). BARRELS PER HOL OF TANK SHELL TO BARRELS PER DAY FOLLOWING INFORM	TO BE STORED IN DENSITY: 8 ORED IN THIS TAN MAXIMUM TEMPERA F ORGANIC MATERI R SO. IN. ABSOLUT OR (OR) LIQUID SURFACE) (OR) ATION:	TURE OF ALL, SUPPLY THE FOR HEAVY PET FLASH POINT:	MRIENT DLLOWING INFORMATION ROLEUM PRODUCTS ONLY: OF GALLONS PER HOUR TT GALLONS PER DAY
16	TEMPERA MINIMUM IF MATE FOR EAC VAPOR INITI OPERATI MAXIMUM AYERA AVERA TANK IF MATE NAME CONCE	PRESSURE VACUUM OPEN L LIQUIDS, VACUUM TEMPERATURE RIAL STORED H MATERIAL: PRESSURE: AL BOILING PO ONAL DATA: FILLING RATI GE OUTAGE: [A GE THROUGHPUT TURNOVERS PER RIAL STORED OF SOLVENT: ENTRATION OF	OH THE ABOVE OF IS A PETROLEI (ATTACH ADD) LOS. IENT: E: AVERAGE DISTA	LISTED MATER UM PRODUCT OF TIONAL SHEETS REID (OR) OF AHCE FROM TOP N, SUPPLY THE TOP TOP TOP TOP TOP TOP TOP TO	HALS ARE TO BE ST R ANY OTHER TYPE C S, IF NECESSARY). BARRELS PER HOL OF TANK SHELL TO BARRELS PER DAY FOLLOWING INFORM	TO BE STORED IN DENSITY:	TURE OF ALL, SUPPLY THE FOR HEAVY PET FLASH POINT:	MBIENT DLLOWING INFORMATION ROLEUM PRODUCTS ONLY: OF GALLOMS PER HOUR

STORAGE TANK SUMMARY

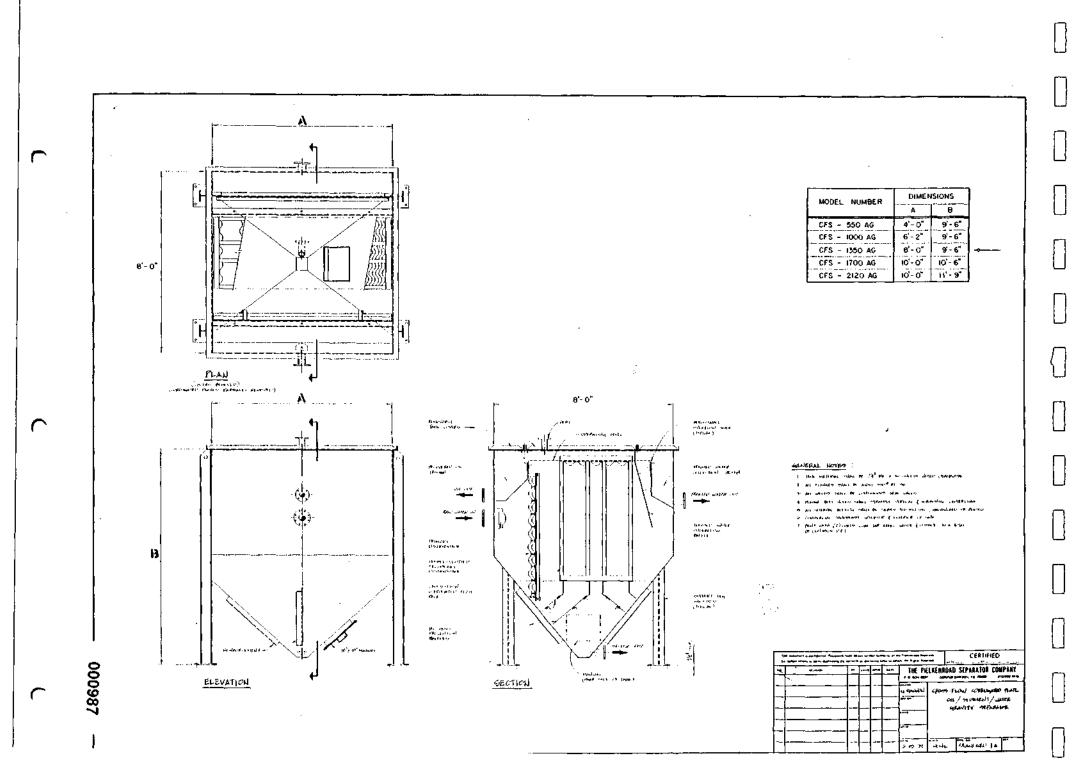
APRICAL.

1. BUSINESS LICENSE NAM 15 SUBMITTED:			•		R OR GOVERNME		ER WHICH APPLICATION
2. TANK LOCATION:		ORT, TEX					
3. TANK IDENTIFICATION	NUMBER OR N	AME):	T-18	5000 Bi	BL Wash W	ater Tank	
4. TANK CAPACITY:	5000		BARRELS	.		GALLONS	
5. TANK DIMENSIONS: 01.	METER	17"	HEIGHT	24'0"	LENGTH		#10 TM
6. TANK SHAPE:	CYLIN	DRICAL XX		SPHERICA	. 🗆	THER SHAPE	DESCRIBE
7. TANK MATERIALS OF CO	ONSTRUCTION:	STEEL VY		*000	<u> </u>	отнея 🔲	SPECIFY
8. TANK PAINT:	CHALKING	WHITE 🔲	LIGHT	GREY WAX MAN	X X X Y Y Y Y Y Y Y Y Y Y	A LUMINUN	DARK COLOR OR NO PAINT
9. TANK CONDITION:		6000 🔼		FALI		Poor 🗀	
10, TANK STATUS:	NEW CONSTR	UCTION 🔯		ALTERATIO	<u>, </u>		
II, TYPE OF TANK:	FIXE	D #OOF		PRESSUR(E 🔲 ENTERN	LLLY HEATED 🔲	SHIDER GROWNO -
CHECK ALL APPLICAS	LE) FLOATIN	16 ROOF 🔲		OPEN TO	∙⊠	INSULATED 🔲	OTHER
12. IF TANK IS TO HAVE	A FLOATING RO	OOF, SUPPLY	THE FO	LLOWING INFOR	MATION:		
TYPE O	F ROOF: DOUBL	E DECK 🖵		PONTOO	· 🗆 .	OTHER 🔲	DESCRIBE
à	F SEAL:	SINGLE 🔲		00091	: 🗀	OTHER 🛄 .	DESCRIBE
TYPE O CONS	F SHELL Truction: P	IVETED		WELDE	<u> </u>	OTHER 🛄	DESCRIBE
13. IF TANK IS TO HAVE	ANY OTHER TYP	E OF ROOF	OR COVER	OR NONE AT	ALL), DESCRI	BE:	
14, VENT VALVE DATA: IN	DICATE TYPE.	NUMBER. SE	TTINGS	AND VAPOR DIS	POSAL:		
		PRESSUR		VACUUM		DISCHARGING	TO: (CHECK)
	NUMBER	SETTING		SETTING	ATMOSPHERE	VAPOR CONTR	CL FLARE
COMBINATION							
PRESSURE							
VACUUM							
OPEN	1				х		
15. NAME ALL LIQUIDS, V Water	APORS, GASES	OR MIXTURE	S OF SU	CH MATERIALS	TO BE STORED	IN THIS TANK:	(on)OA.P.I.
16. TEMPERATURES AT WHI	CH THE ABOVE	LÍSTED MAT	ERIALS /	ARE TO BE STO		* * * * *	
MINIMUM TEMPERATURE	iOF	IN PRODUCT	OB ANY	ATUER TYPE AS	MAXIMUM TEMPE	RATUREOF	E FOLLOWING INFORMATION
FOR EACH MATERIAL:		_			Original Company	MINE, SOFFEE IN	iz roccowing thromation
VAPOR PRESSURE:					5Q. IN. A950		
INITIAL BOILING PO	DINT:	0,				FOR HEAVY	PETROLEUM PRODUCTS ONLY:
18. OPERATIONAL DATA:							<u> </u>
MAXIMUM FILLING RAT	c:		#AR	RELS PER HOU	n (on)	800	GALLONS PER HOUR
AVERAGE OUTAGE: (AVERAGE DISTA	NCE FROM TO	P OF TA	NK SHELL TO	Ligura surfac	e)12	FT
AVERAGE THROUGHPU	r:		BAR	RELS PER DAY	(on)	· -	GALLONS PER DAY
TANK TURNOVERS PER	T YEAR:Z	<u> </u>		4	<u> </u>	. <u></u>	
19, IF MATERIAL STORED							
MAME OF SOLVENT:			. NAME O	F MATERIAL DI	\$\$0LVED:	· · · · · · · · · · · · · · · · · · ·	
COMCENTRATION OF MATERIAL DISSOLVE	0:	% BY WEIGH	it	(on)	_ % BY YOLUM	E (OR	LOS./GALLOM
20. IF MATERIAL STORED	S Á GAS OR A	LIQUIFIED	GAS WHI	CH IS NOT A	ETROLEUM PRO	DUCT, SUPPLY THE	FOLLOWING INFORMATION:
		HOEN	TIFY TH	E MATERIAL: .			

STORAGE TANK SUMMARY

APR 101562

1. BUSINESS 1S SUBMIT		E OF CORPORA	TION, COMPANY	, INDIVIDUAL OWNE	R OR GOVERN	MENTAL AGENCY UNDE	R WHICH APPLICATION
15 508Mi	_]	FIS <u>H</u> ENGIN	EERING & CO	ISTRUCTIO	ON_INC	
2. TANK LOCA	ATION:	<u> </u>	FREEPORT,	TEXAS	<u> </u>		
3, TANK IDEN	ITSFICATION	NUMBER OR N	AME):	Oil/Water Se	parator		
4. TANK CAPA	ACITY:		BA	RRELS 384	0	GALLONS	
5. TANK DIME	NSIONS: DIA	METER91	<u>'6''</u> не	ı GHT 8'0"	LENG?	ж <u>8'0''</u> .	пртн
6. TANK SHAF	PE:	CYLIN	IDRICAL 🗔	SPHERICA		OTHER SHAPE XX	ESCRIBE RECTANCID AR
7. TANK MATE	RIALS OF CO	NSTRUCTION:	STEEL XX	#00	• □	отнея 🔲 з	PECIFY
8. TANK PAIN	(T:	CHALKING	WHITE	IGHT GREY NEXT		A LUMENUM 🔲 C	ARK COLOR OR NO PAINT
9, TANK CONE	DITION:		6000 🐼	FAI	. 🗆	POOR	
10. TANK STAT	TUS:	NEW CONSTR	TUCTION XX	ALTERATIO	· 🗆	·	
11, TYPE OF	TANK:	FIXE	O ROOF XX	PRESSUR	E INTER	MALLY HEATED	UMBERGROUND
CHECK AL	LL APPLICABL	.E) FLOATIN	19 #00F	OPEN TO	• 🗆	INSULATED	OTHER 🔲
2. IF TANK	IS TO HAVE	A FLOATING RO	OOF, SUPPLY TH	E FOLLOWING INFO	MATION:		
l	TYPE OF	ROOF: POUBL	.E DECK 🔲	PONTOO	<u>.</u> □	OTHER 🔲 (ESCRIBE
i	TYPE OF	SEAL:	SINGLE -	COUBL		OTHER 🔲 o	ESCRIBE
ţ	TYPE OF		REVETED -	WELDE	<u>, —</u>	_	ESCRIBE
13. IF TANK		NOCT TON.		COVER (OR NONE AT			
A VENT VAL	VE DATA: INF	DICATE TYPE	NUMBER SETTI	NGS AND VAPOR DIS	POSAL		
1			PRESSURE	VACUUM	1	DISCHARGING	D: (CHECK)
\$	i	NUMBER	SETTING	SETTING	ATMOSPHE		
ì 6	OMBINATION						
	PRESSURE						
[MUUQAV						
]	OPEN	1			Х		
			OR MIXTURES O	F SUCH MATERIALS	TO BE STORE	D IN THIS TANK:	. (DA)QA.F.1.
16, TEMPERATI	rocarbons URES AT WHIC	H THE ABOVE	LISTED MATERI	ALS ARE TO BE STO	RED IN THIS	TANK:	
MENTAUM	TEMPERATURE	OF	AT BOODINGT OR			PERATUREOF	Ambient E FOLLOWING INFORMATION
r				IF NECESSARY).	OKOMNIC MA	HERIAL, SOFFET TH	E POLLOWING THEOREMATION
VAPOR P	RESSURE:	L85.	REID (OR)	LBS. PEA	50, IH. AB		OF PETROLEUM PRODUCTS ONLY:
INITIAL	. BOILING PO	INT:	_0 p			FLASH POIN	
18. OPERATION	NAL DATA:					800	
	FILLING RATE			_ BARRELS PER HOU			GALLONS PER HOUR
AVERAGE	E OUTAGE: (A	VERAGE DISTA	NCE FROM TOP	OF TANK SHELL TO			FT
				. BARRELS PER DAY			GALLONS PER DAY
TANK TU	JANOVERS PER	YEAR: Ta	nk_operat	es at consta	nt level	<u> </u>	···-
				FOLLOWING INFORMA			
		····, 	N/	INC OF MATERIAL D	SSOLVED:		-
LONCEN	TRATION OF						_
MATER1	AL DISSOLVE	D:	% BY WEIGHT	(oe)	_ % BY VALE	JAKE (OR	LBS./GALLOW
20. IF MATERI	AL STORED I	S A GAS OR A	. % BY WEIGHT	(OR)	_ % BY VOLE	ME (OR	FOLLOWING INFORMATION:
20. IF MATERI	AL STORED I	S A GAS OR A		(OR)		ODUCT, SUPPLY THE	FOLLUWING INFORMATION:



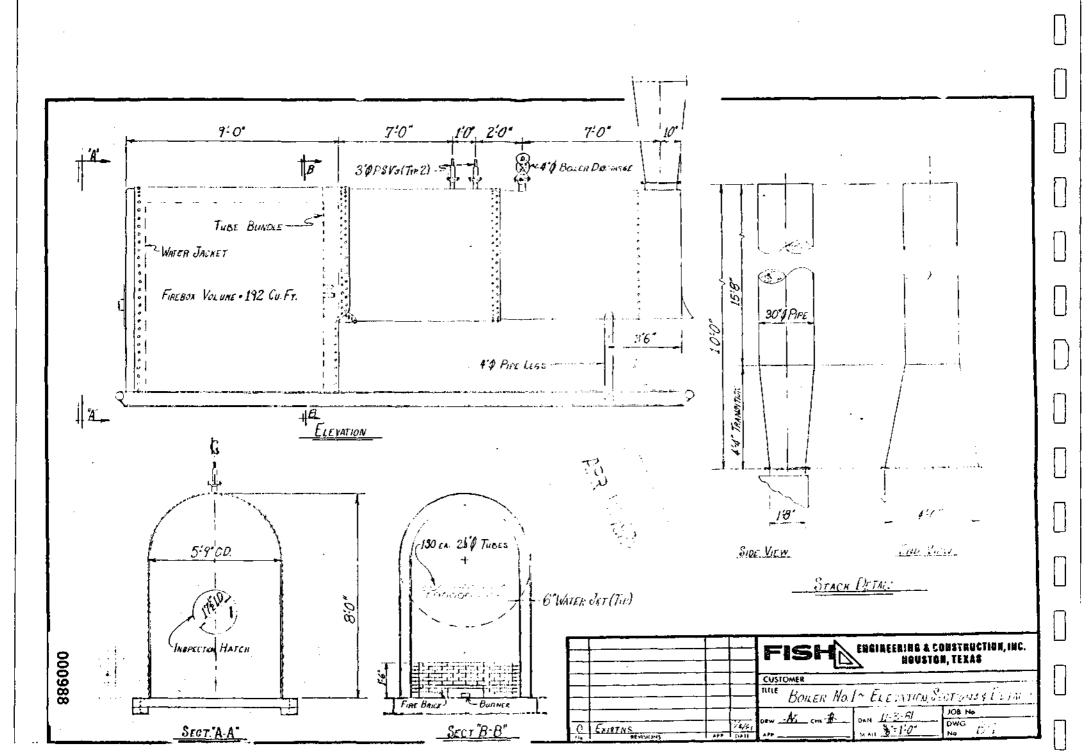


EXHIBIT II

INDEX

- 1. Topographical map (scale: 1:24,000 or approximately $2\frac{1}{2}$ inches per mile) showing the isolated location of the Fish Freeport Marine Facility.
- 2. Photocopy of a photograph of the Marine Facility, depicting the Intracoastal Waterway in the foreground and Oyster Creek in the far distance.
- 3. Fish Freeport Marine Facility Plot Plan Sketch.

